

Search history

Search 1: FT=(containers* and doors* and security* and locking* and device* and block*) (Results 1661)

Search 2: (1) AND IPC=(E05) (Results 377)

1) Family number: 30869000 (US2004210515A)

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Title: DEPOSIT SYSTEM AND METHOD OF TAKING DEPOSITS

Abstract: The present invention provides a deposit system and a method for receiving a deposit from a user. In an aspect, a deposit system for receiving a deposit from a user is provided. The deposit system includes a deposit processor having a user interface to permit the user to communicate deposit information to the deposit processor before the user makes the deposit, the deposit information including an indication of type of the deposit as being one of a cash deposit and a non-cash deposit; at least one safe operatively attached to the deposit processor, each safe being configured to receive at least one of a cash deposit and a non-cash deposit and each safe having a first lockable access thereto, the at least one safe capable of receiving cash deposits and non-cash deposits; and a reader, operatively connected to the deposit processor, to read a label of the deposit to identify the deposit using the deposit information. Upon the deposit being identified, the deposit processor unlocks the first lockable access for one of the at least one safe to permit the user to deposit the deposit therein.

Classifications:

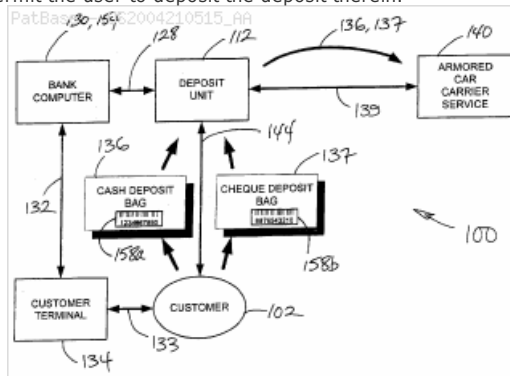
International (IPC 8-9): E05G1/06 E05G7/00 G06Q40/00 G07D11/00
G07F19/00 (Advanced/Invention);
E05G7/00 (Advanced/Non-invention);
E05G1/00 E05G7/00 G07D11/00 (Core/Invention);
E05G7/00 (Core/Non-invention)

International (IPC 1-7): E05G1/00 E05G1/06 G06F17/60 G07D11/00
G07F19/00

CPC: E05G1/06 E05G7/001 G07D11/0096 G06Q20/10 G07D11/009
G07F19/202

European: E05G1/06 E05G7/00B G06Q20/10 G07D11/00M
G07D11/00M4 G07F19/202 P05G7/00B

US: 109/53 109/53P 235/379 705/39 705/39P 902/9



Family:

Publication number	Publication date	Application number	Application date
CA2418663 AA	20040807	CA20032418663	20030207
CA2425782 AA	20040807	CA20032425782	20030417
US2004210515 AA	20041021	US20030417159	20030417
US2004226493 AA	20041118	US20040772489	20040205
US7070093 BB	20060704	US20040772489	20040205

Priority:

CA20032418663 20030207 CA20032425782 20030417 US20030417159 20030417

Probable Assignee: CANADIAN IMP BANK OF COMMERCE

Assignee(s): (std): CANADIAN IMP BANK OF COMMERCE ; NAMSYS INC

Assignee(s): SCOTLAND NIGEL ; SIEMENS JOHN ; CANADIAN IMPERIAL BANK OF COMMERCE ; HUGHES GRANT ; CANADIAN IMP

Inventor(s): (std): HUGHES GRANT ; SCOTLAND NIGEL ; SIEMENS JOHN

Agent(s): PIASETZKI AND NENNIGER LLP; BLAKE CASSELS AND GRAYDON LLP; VIDAS ARRETT AND STEINKRAUS PA

2) Family number: 51268002 (US2013002795A)

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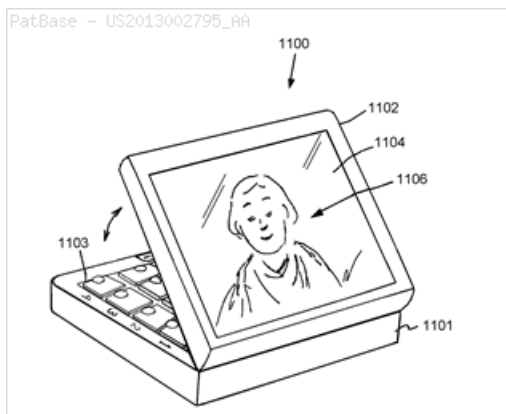
Title: INTERACTIVE MEDICATION DISPENSING SYSTEM

Abstract: This invention provides a medication dispensing system that instructs the user through visual and audio cues, such as the illumination of individual medication cups that are arrayed in accordance with a daily and weekly schedule in separate orifices within the dispenser body. It monitors compliance by determining when an indicated cup is accessed, based upon at least one of manipulating a lid and/or placing into, removing from, or replacing into the correct orifice based upon the indication. The cups can be refilled based upon an indication, and/or can be provided in removable prefilled refill tray. The dispenser can include an on-board processor that stores a current configuration including the treatment schedule. The configuration can be programmed/re-programmed, and compliance can be monitored, via a wired or wireless server connection that communicates with interested parties, and that supports a graphical user interface. Communication, messaging and/or display systems can also be integrated.

Classifications:

International (IPC 8-9): A47F1/04 A61J7/04 E05B47/00 E05B65/46
G06F17/00 G08B1/00 H04N7/14 (Advanced/Invention);

A61J7/00 (Advanced/Non-invention)
CPC: G06F19/3462 A61J7/0481 A61J2200/30 A61J7/0427
A61J7/0454 A61J7/04 A61J7/0069 A61J7/0436
European: A61J7/04 K61J7/00E K61J7/04B1D2
US: 1/1 221/154 340/309.16 340/572.1 340/573.1 348/14.01
348/E.077 368/10 700/236 700/237 700/241 700/242 700/244



Family:

Publication number	Publication date	Application number	Application date
US2013002795 AA	20130103	US20120488117	20120604
US2013030566 AA	20130131	US20120488165	20120604
US8193918 BA	20120605	US20090606643	20091027
US8744620 BB	20140603	US20120488165	20120604
US9211233 BB	20151215	US20120488117	20120604
WO13025520 A2	20130221	WO2012US50378	20120810
WO13025520 A3	20130926	WO2012US50378	20120810

Priority:

US20080197859P 20081031 US20090606643 20091027 US20110523041P 20110812
US20120488165 20120604 US20120488117 20120604

Probable Assignee: MEDMINDER SYSTEMS INC

Assignee(s): (std): AIELLO JUSTIN F ; FLOWERS WOODIE C ; MEDMINDER SYSTEMS INC ; SHAVELSKY ERAN

Assignee(s): MASSACHUSETTS DEVELOPMENT FINANCE AGENCY

Inventor(s): (std): SHAVELSKY ERAN ; FLOWERS WOODIE C ; AIELLO JUSTIN F

Agent(s): LOGINOV AND ASSOCIATES PLLC; WILLIAM A; LOGINOV AND SICARD; LOGINOV WILLIAM A

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM 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

3) Family number: 48527003 (US2011168517A)

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Title: LOCKING AND SECURING DEVICE FOR A WORKING AREA OF A MACHINE

Abstract: A locking device for flaps or doors that are pivotable in or on a frame or housing. The invention in particular includes a door or flap lock that serves as a protection against collisions of objects and/or persons with moving or rotating machine parts, with the possibility of unlocking said door or flap lock by manual operation. The locking device includes a movable bolt disposed on the pivotable flap or door with said bolt being manually operable via a lever, handle, or knob and interlocking with a receiving opening for the bolt that is disposed on the frame. The bolt includes several engagement elements for interlocking with a housing- or frame-anchored receiving element, with said engagement elements arranged along the direction of the bolt's longitudinal axis, which approximately corresponds to the direction of movement of the bolt on opening or closing the pivotable flap or door. The interlocking engagement and receiving elements make it necessary at least on opening the flap or door to repeatedly operate the lever, handle, or knob in at least two opposite directions of movement, pivot, or turning, thus delaying any opening movement, leaving enough time for another, previously already initiated or actuated safety device to put a stop on rotating and/or moving parts of the machine. In addition, the invention relates to a securing device for a working area of a machine having movable and/or rotating parts.

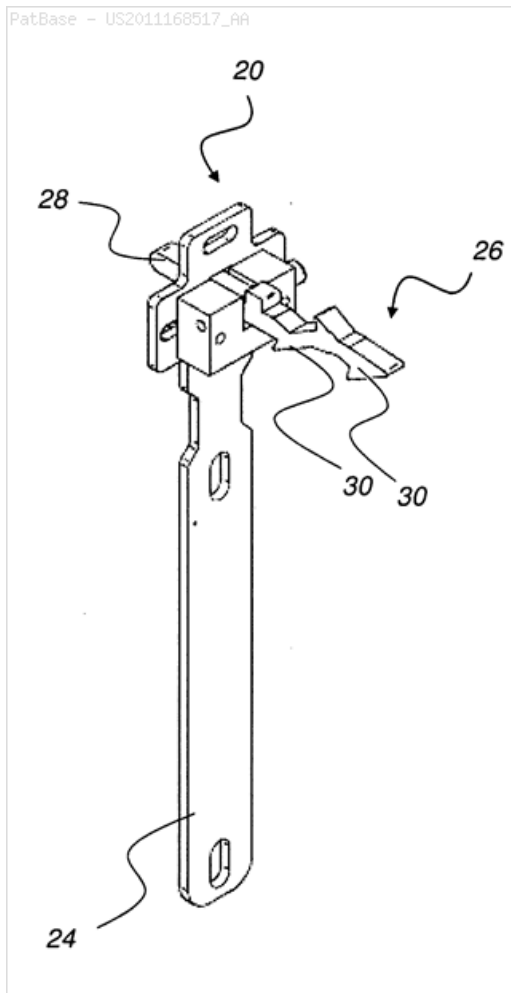
Classifications:

International (IPC 8-9): B67C3/24 E05B65/00 E05C1/10 E05C5/02 E05F15/20 F16D3/14 F16P3/08 F16P3/14 (Advanced/Invention); B67C3/24 E05B65/00 (Advanced/Non-invention)

CPC: Y10T292/089 Y10T292/0959 Y10T292/102 Y10T292/1049 F16P3/08 B65C9/40 B67C3/22 E05C3/14 E05C17/50

European: E05C17/50 E05C3/14 F16P3/08 L65C9/40 L67C3/22

US: 192/135 292/108 292/143 292/143S 292/218 292/66 292/66S 49/28 49/28S

**Family:**

Publication number	Publication date	Application number	Application date
CN102141190 A	20110803	CN201110021003	20110113
CN102141190 B	20150429	CN201110021003	20110113
DE202010000032 U1	20110310	DE201020000032U	20100113
DE502010011120 D1	20160414	DE201050011120T	20101208
EP2345835 A2	20110720	EP20100194163	20101208
EP2345835 A3	20121121	EP20100194163	20101208
EP2345835 B1	20160302	EP20100194163	20101208
US2011168517 AA	20110714	US20100928823	20101220
US8646588 BB	20140211	US20100928823	20101220

Priority:

DE201020000032U 20100113 EP20100194163 20101208

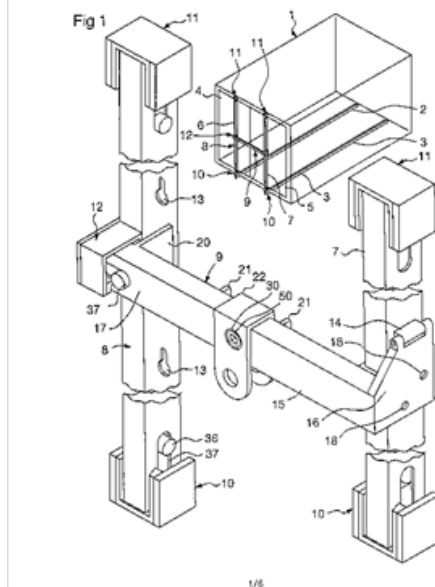
Probable Assignee: KRONES AG**Assignee(s):** (std): HOF REIMUND ; KRIEGER ROBERT ; KRONES AG**Inventor(s):** (std): KRIEGER ROBERT ; HOF REIMUND ; ROBERT KRIEGER ; REIMUND HOF**Agent(s):** BENNINGER PATENTANWALTSKANZLEI; BENNINGER JOHANNES; DAVIDSON DAVIDSON AND KAPPEL LLC**Designated states:** AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR**4) Family number: 29770003 (WO0146021A2)**

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Title: LOCKING AND LIFTING DEVICE FOR A CONTAINER

Abstract: The present invention relates to a combined locking and lifting device for a container (1) of storage type. The device comprises protruding front ends of supporting beams (2, 3), first and second locking beams (7, 8), a yoke (9) and first, second and third locking cases (10, 11, 12). The first and second locking cases (10, 11) are welded to the ends of the supporting beams (2, 3) and to the container structure above the doors (4, 5) respectively. The locking beams (7, 8) are mounted on the doors (4, 5) on bolts provided with resilient distance sleeves for achieving a certain degree of movability. The locking beams (7, 8) are joined with the yoke (9), which is pivoted in a hinge (14) on the first locking beam (7) and locked in the third locking case (12) on the second locking beam (8). First and second plates (16, 20) hide the access openings (50) on the locking beams when the device is in a locked position. An adapter for a hoisting hook (not shown) can be applied to the yoke (9) and the container can be hoisted on board a vehicle. A stationary use the access opening (50) on the yoke (9) is covered by a locking clamp (22).

Classifications:**International (IPC 8-9):** B65D90/00 E05B65/14 (Advanced/Invention); B65D90/00 E05B65/12 (Core/Invention)**International (IPC 1-7):** B65D1/00 B65D90/62 E05C19/00**CPC:** B65D90/00 E05B83/02**European:** B65D90/00 E05B83/02

**Family:**

Publication number	Publication date	Application number	Application date
AU200124158 A1	20010703	AU20010024158	20001218
AU200124158 A5	20010703	AU20010024158D	20001218
EP1330392 A2	20030730	EP20000987887	20001218
SE514913 C2	20010514	SE19990004658	19991220
SE9904658 A	20010514	SE19990004658D	19991220
SE9904658 A0	19991220	SE19990004658	19991220
SE9904658 L	20010514	SE19990004658	19991220
WO0146021 A2	20010628	WO2000SE02509	20001218
WO0146021 A3	20030530	WO2000SE02509	20001218

Priority:

SE19990004658 19991220 SE19990004658 19991220 WO2000SE02509 20001218

Probable Assignee: JACOBSON INGE

Assignee(s): (std): GLENN KJELLANDER ; INGE JACOBSON ; JACOBSON INGE ; KJELLANDER GLEN ; KJELLANDER GLENN

Inventor(s): (std): JACOBSON INGE ; KJELLANDER GLENN

Inventor(s): GLENN KJELLANDER ; INGE JACOBSON

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 CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN 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 NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

5) Family number: 30098004 (US2002014950A)

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Title: METHOD FOR PROGRAMMING A KEY FOR SELECTIVELY ALLOWING ACCESS TO AN ENCLOSURE

Abstract: A method for programming a key for selectively allowing access to at least one enclosure having a lock controlled by a lock controller is disclosed. The method comprises: detecting the key; identifying the key by a static key number and a key user; identifying the at least one authorized enclosure corresponding to the identified key; loading the at least one authorized enclosure identification onto the key; generating a plurality of date sensitive key access codes; and loading the plurality of date sensitive key access codes in the key.

Classifications:

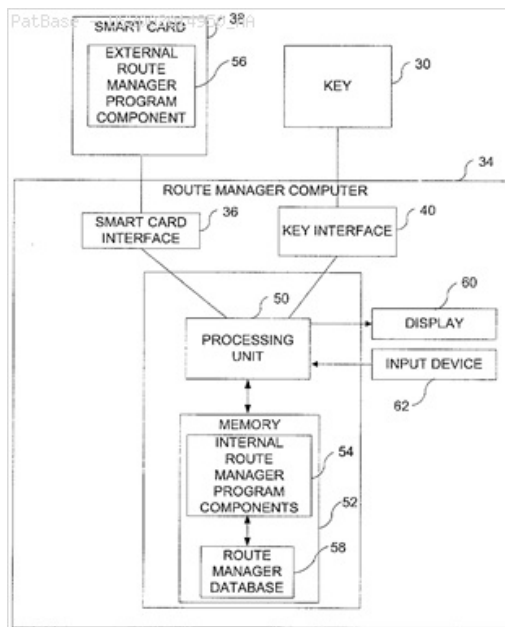
International (IPC 8-9): E05B15/00 E05B47/06 E05B5/02 E05B63/12 G07C9/00 G07F9/10 (Advanced/Invention); E05B15/00 E05B63/12 (Advanced/Non-invention); E05B47/06 E05B5/00 G07C9/00 G07F9/10 (Core/Invention); E05B15/00 E05B63/00 G07C9/00 (Core/Non-invention)

International (IPC 1-7): E05B47/00 E05B49/00 G05B19/00 G06F7/04 H04Q1/00 H04Q3/00

CPC: Y10T70/443 Y10T70/7062 Y10T70/7751 Y10T292/699 E05B5/003 E05B15/006 E05B17/2011 E05B47/0002 E05B47/0004 E05B47/0603 E05B47/0657 E05B63/121 E05B2047/0007 G07C9/00309 G07C9/00904 G07C2009/00396 G07C2009/00634 G07C2009/00769 G07F9/10 Y10T70/7102

European: E05B47/00A1 E05B47/06 E05B47/06A E05B47/06D E05B5/00B G07C9/00E20B G07C9/00E4 G07F9/10 P05B15/00S2 P05B17/20D2 P05B47/00A1 P05B47/00A1B1 P05B47/00A1D P05B63/12B S07C9/00E10 S07C9/00E14C S07C9/00E4F2

US: 292/341.16 340/10.34 340/10.340S 340/5.25 340/5.250S 340/5.26 340/5.260P 340/5.28 340/5.280S 340/5.6 340/5.600P 340/5.61 340/5.610P 340/5.65 340/5.650S 340/5.7 340/5.9 70/277 70/278.7 70/34 70/386 702/770



Family:

Publication number	Publication date	Application number	Application date
AU199954759 A1	20000306	AU19990054759	19990811
AU199954759 A5	20000306	AU19990054759	19990811
AU199954768 A1	20000306	AU19990054768	19990811
AU199954768 A5	20000306	AU19990054768	19990811
AU199955542 A1	20000306	AU19990055542	19990811
AU199955542 A5	20000306	AU19990055542	19990811
US2002014950 AA	20020207	US20010892390	20010627
US2002024418 AA	20020228	US20010892596	20010627
US2002024420 AA	20020228	US20010892825	20010627
US6345522 BA	20020212	US19990371633	19990811
US6496101 BA	20021217	US19990372195	19990811
US6525644 BA	20030225	US19990372525	19990811
WO0009837 A1	20000224	WO1999US18177	19990811
WO0009838 A2	20000224	WO1999US18203	19990811
WO0009838 A3	20000525	WO1999US18203	19990811
WO0009839 A1	20000224	WO1999US18215	19990811

Priority:

US19980096251P 19980812	US19990371633 19990811	US19990372195 19990811
US19990372525 19990811	WO1999US18177 19990811	WO1999US18215 19990811
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US20010892825 20010627		

Probable Assignee: STAR LOCK SYSTEMS INC

Assignee(s): (std): SHANNON STEVEN ; STAR LOCK SYSTEMS INC ; STEINDL MATTHEW D ; STILLWAGON WOODROW C ; WOODROW C STILLWAGON

Assignee(s): AYALA RAYMOND F ; FINLAY PHILIP J ; KING JEFFREY L ; NORTHROP GRUMAN CORP ; NORTHROP GRUMMAN CORP

Inventor(s): (std): AYALA RAYMOND F ; FINLAY PHILIP J ; JEAN L MEEKS ; KING JEFFREY L ; MEEKS JEAN L ; SHANNON STEVEN ; SPARKS J TRAVIS ; SPARKS VEESE T ; STEINDL MATTHEW D ; STILLWAGON WOODROW C ; VEESE T SPARKS ; WOODROW C STILLWAGON

Designated states: AT AU BE BR CH CY DE DK ES FI FR GB GR IE IT JP LU MC MX NL PT SE

6) Family number: 2162005 (DE2437501A1)

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Title: SECURITY SYSTEM FOR LOCKING A GOODS VEHICLE - USES A MAGNETIC LOCK OPERATED BY A CODE CARD AT FIXED STATION

Abstract: The transport container has a magnetic lock (2) which can be opened or locked by a number of control instruments (3) at fixed stations. The lock is set at one of these stations and only by a given code card for the lock. A bracket associated with the lock passes through the staples on the vehicle doors, the lock itself being linked by a cable to the control station so that it can be actuated. The control and latching sections of the lock are connected through a contact plate (8) to a fixed control device via cable, this plate itself being provided with a cover plate (11) making it water-and dust tight.

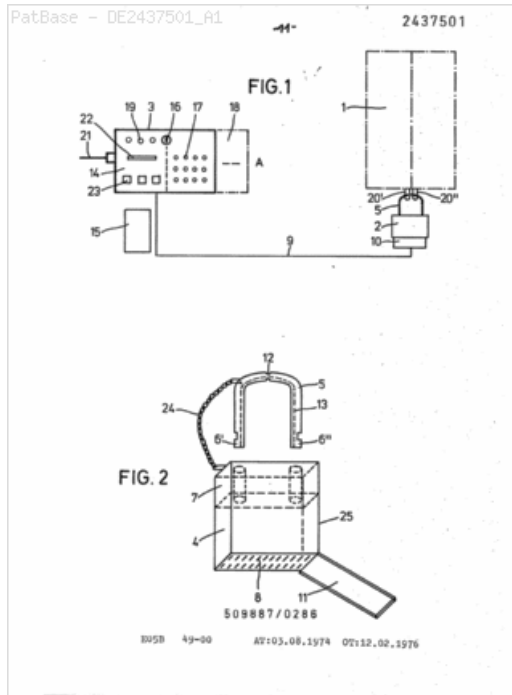
Classifications:

International (IPC 8-9): G07C9/00 (Advanced/Invention); G07C9/00 (Core/Invention)

International (IPC 1-7): E05B47/00 E05B49/00

CPC: G07C9/0069 G07C9/00722 G07C2009/0092

European: G07C9/00E12C4 G07C9/00E12G S07C9/00E20D



Family:

Publication number	Publication date	Application number	Application date
DE2437501 A1	19760212	DE19742437501	19740803

Priority:

DE19742437501 19740803

Probable Assignee: BRENNINKMEYER C AND A

Assignee(s): (std): BRENNINKMEYER C AND A

Assignee(s): C AND A BRENNINKMEYER 4000 DUESSELDORF

7) Family number: 57425007 (US2014263297A)

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Title: FOLDING CONTAINER

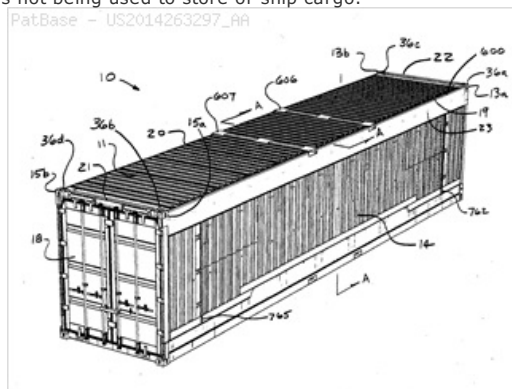
Abstract: A foldable shipping container adjustable between an unfolded condition in which said container is suitable for use as a cargo container, and a folded condition for when said container is not being used to store or ship cargo.

Classifications:

International (IPC 8-9): B65D B65D6/00 B65D88/00 B65D88/02 B65D88/10 B65D88/12 B65D88/52 B65D90/00 B65D90/08 B65D90/20 E05B65/52 (Advanced/Invention); B65D (Subclass/Invention)

CPC: Y10T29/49718 Y10T292/1043 B65D88/526 B65D88/522 B65D90/008 B65D88/022 B65D88/121 B65D90/0026 B65D90/08

US: 220/1.5 220/4.33 220/7 29/402.01 292/194



Family:

Publication number	Publication date	Application number	Application date
CN104364170 A	20150218	CN201480001507	20140313
CN104364170 B	20170721	CN201480001507	20140313
CN106185072 A	20161207	CN201510346153	20150619
CN106185093 A	20161207	CN201510346182	20150619
CN107000932 A	20170801	CN201480082076	20141023
CN107651326 A	20180202	CN201710542053	20170705
CN205169372 U	20160420	CN201520430322U	20150619
CN205186998 U	20160427	CN201520430153U	20150619
CN207631843 U	20180720	CN201720810314U	20170705
EP2969853 A1	20160120	EP20140773808	20140313
EP2969853 A4	20161123	EP20140773808	20140313
EP3037367 A2	20160629	EP20150201040	20151218
EP3037367 A3	20160713	EP20150201040	20151218
EP3040293 A1	20160706	EP20150193962	20151110
EP3194303 A1	20170726	EP20140902132	20141023
EP3194303 A4	20181219	EP20140902132	20141023

HK1207045 A1	20160122	HK20150107562	20150806
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US2014263297 AA	20140918	US20130815638	20130313
US2015069051 AA	20150312	US20140490992	20140919
US2015108121 AA	20150423	US20140581383	20141223
US2015108769 AA	20150423	US20140587074	20141231
US2016311613 AA	20161027	US20160201806	20160705
US2017362021 AA	20171221	US20170694775	20170902
US9751688 BB	20170905	US20130815638	20130313
US9932169 BB	20180403	US20140490992	20140919
WO14160263 A1	20141002	WO2014US26191	20140313
WO16043786 A1	20160324	WO2014US62001	20141023

Priority:

US20130815638 20130313 US20130851815P 20130313 WO2014US26191 20140313
US20140490992 20140919 WO2014US62001 20141023 US20140581383 20141223
US20140587074 20141231 US20160201806 20160705 US20170694775 20170902

Probable Assignee: COMPACT CONTAINER SYSTEMS LLC

Assignee(s): (std): CHURBUCK THOMAS K ; COMPACT CONTAINER SYSTEMS LL ; KRAFT ROBERT J ; KRAFT JOSHUA J ; COMPACT CONTAINER SYSTEMS LLC ; ROSMARIN RICHARD ; WILLIAMS JAMES K ; ROWE DAVID H

Assignee(s): KERN DAVID

Inventor(s): (std): KRAFT ROBERT J ; KRAFT JOSHUA J ; ROSMARIN RICHARD ; WILLIAMS JAMES K ; CHURBUCK THOMAS K ; ROWE DAVID H ; DEG CKRAFT ROBERT J ; DEG CKRAFT JOSHUA J ; DEG CWilliams JAMES K ; DEG CROSMARIN RICHARD ; DEG CROWE DAVID H ; KRAFT ROBERT ; KRAFT JOSHUA ; R J KRAFT ; J J KRAFT ; LARSON ERIC RICHARD ; KENDALL NORMAN ; CHURBUCK THOMAS KKRAFT ; R ROSSMARIN ; WILLIAMS JAMES KKRAFT ; JOSHUA J RICHARD ; ROBERT JROSMARIN KRAFT ; DAVID H ROWE ; RICHARD ROSMARIN ; ROBERT J KRAFT ; THOMAS K CHURBUCK ; JOSHUA J KRAFT ; JAMES K WILLIAMS

Inventor(s): JAMES KWilliams ; JOSHUA JKRAFT ; THOMAS KCHURBUCK ; DAVID HROWE ; ROBERT JKRAFT ; RJKRAFT ; JJKRAFT

Agent(s): UNSWORTH JENNIFER MARY; JONES JOHN BRYN; LIU SHEN AND ASSOCIATES; LATHROP GAGE LLP; MACK BRIAN R

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

8) Family number: 2625009 (US4161870A)

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Title: MOBILE CARGO-CONTAINER LOCK

Abstract: {PG,1 A method and electro-mechanical device for locking and unlocking mobile cargo-container doors, utilizing a re-settable electronic combination lock arrangement installed within the cargo container, which electro-mechanically retains a special locking pin inserted through a channel in the container door structure, such locking pin being mechanically coupled to the existing latching handle on the door exterior. The locking pin, when retained by the electronic lock mechanism, restricts travel of the container door handle sufficient to prevent opening of the container door. A keyboard array of switches on the exterior of the cargo container, coupled to the electronic lock circuitry on the container interior, must be actuated in pre-selected code sequence to energize the electronic lock mechanism, thus releasing the locking pin and enabling manual movement of the door handle as required to open the container door.

Classifications:

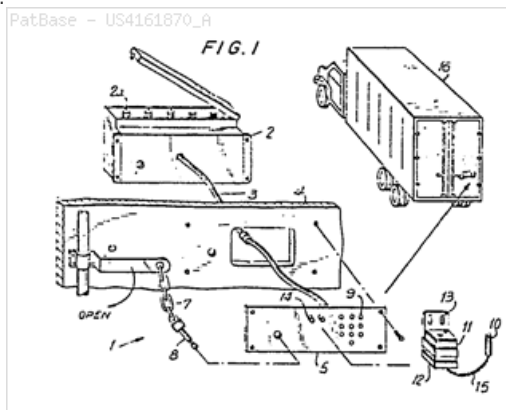
International (IPC 8-9): E05B49/00 G07C9/00 (Advanced/Invention); E05B49/00 G07C9/00 (Core/Invention)

International (IPC 1-7): E05B49/00

CPC: Y10S292/32 Y10T70/7102 Y10T292/1028 G07C9/0073 G07C2009/0092

European: G07C9/00E12G2 S07C9/00E20D

US: 292/150 292/DIG.32 70/278 70/278.7



Family:

Publication number	Publication date	Application number	Application date
EP0003238 A1	19790808	EP19780101835	19781223
IL56373 A0	19790312	IL19790056373	19790104
IL56373 A1	19801026	IL19790056373	19790104
JP54103200 A2	19790814	JP19790001065	19790111
US4161870 A	19790724	US19780868881	19780112

Priority:

US19780868881 19780112

Probable Assignee: LAVELLE AIRCRAFT

Assignee(s): (std): LAVELLE AIRCRAFT ; LAVELLE AIRCRAFT CO

Assignee(s): LAVELLE AIRCRAFT COMPANY

Inventor(s): (std): ROBAATO UIRIAMU BAANZU ; BARNES ROBERT W ; BARNES ROBERT WILLIAM

9) Family number: 1702010 (DE2811405A1)

© PatBase

Title: BANK COUNTER ANTITHEFT MONEY HANDLING EQUIPMENT - HAS COIN HOLDER OPENINGS DISCHARGING INTO FEED CHUTE FOR PNEUMATIC TUBE CONVEYOR

Abstract: The money handling system to give protection against robbery at a cashier's position in e.g. a bank has an armoured casing (13), circular in shape, which can be covered by a lid (14). Inside is a circular plate (32) around which is distributed a ring of openings (18) to receive money holders (20). The plate carries magnetically operated release devices (22) which allow any holder to fall into a funnel shaped guide (30) underneath, which communicates with the feed end (31) of a pneumatic conveyor. Each release device has a stop member (23) projecting from it under the money holder. A time switch (25) can be located at adjacent to each opening (18). The system can be connected to a remote indicator panel (34).

Classifications:

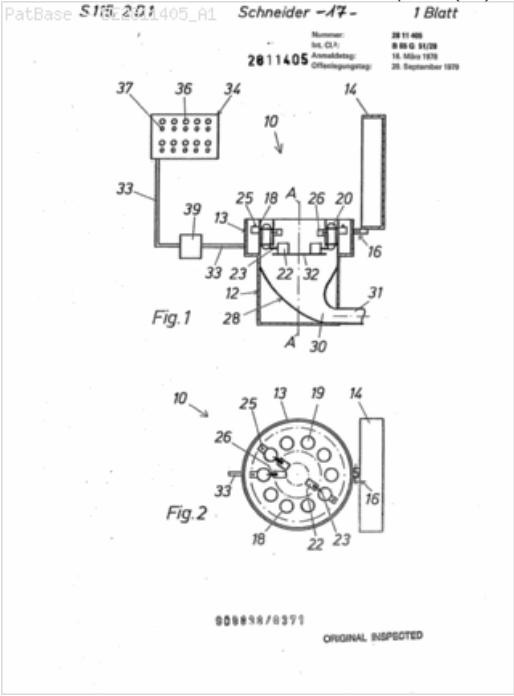
International (IPC 8-9): B65G51/28 E05G5/00 (Advanced/Invention);

B65G51/00 E05G5/00 (Core/Invention)

International (IPC 1-7): B65G51/28 E05G1/02

CPC: B65G51/28 E05G5/006

European: B65G51/28 E05G5/00B



Family:

Publication number	Publication date	Application number	Application date
DE2811405 A1	19790920	DE19782811405	19780316

Priority:

DE19782811405 19780316

Probable Assignee:

SCHNEIDER HORST

Assignee(s): (std):

SCHNEIDER HORST

Inventor(s): (std):

SCHNEIDER HORST

10) Family number: 45026011 (MX349746B)

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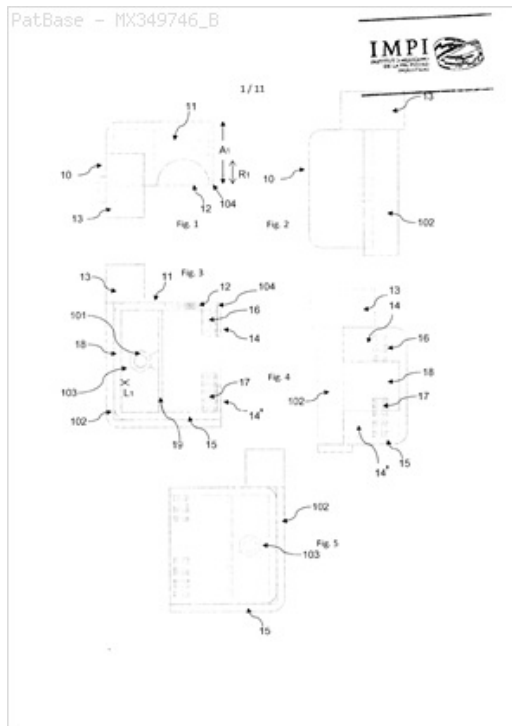
Title: LOCK FOR CONTAINERS AND TRAILERS TRUCK.

Abstract: A removable lock for keeping a container closed, which comprises: an hexahedral-shaped female piece having at least four solid surfaces, a fifth surface being hollow and a sixth semi-hollow surface; at the upper surface of said female piece it contains a semi-circle and a separation dividing the semi-hollow surface from the solid surface that is opposite to said semi-hollow surface, along said division, a protrusion being formed with a receptive cavity, where a space is generated between said protrusion with receptive cavity and said solid surface opposite to the semi-hollow surface; an hexahedral-shaped male piece wherein a lock is located, the lock having at least five solid surfaces and a hollow surface, the female piece being substantially equal in size to the female piece; at the upper surface of said male piece it contains a semi-circle substantially collinear with the semi-circle of the female piece, where a protruding wall, formed at one side surface thereof, is able to be coupled into the space formed between the protrusion with receptive cavity and the solid surface opposite to the semi hollow surface of the female piece, the lock being housed into an inner hexahedral piece, where a fastener and an aperture to open said lock, a cavity in the front surface and a window in the rear surface are accessed therethrough; a fastening means able to be penetrate into said cavity at the front surface of the male piece and through the receptive cavity of the protrusion in the female piece, thus fastening the male piece to the female piece: and a latch with a cavity able to receive the fastener of the lock, the latch covering the access to the lock and to the cavity of the front surface of the male piece.

Classifications:

International (IPC 8-9): E05B67/38 (Advanced/Invention);

E05C 1/00 (Core/Invention)

**Family:**

Publication number	Publication date	Application number	Application date
MX2009002742 A1	20100413	MX20090002742	20090312
MX349746 B	20170809	MX20090002742	20090312

Priority:

MX20090002742 20090312

Probable Assignee: FRANCISCO JAVIER TIRADO RUIZ**Assignee(s):** (std): FRANCISCO JAVIER TIRADO RUIZ ; RUIZ FRANCISCO JAVIER TIRADO**Inventor(s):** (std): RUIZ FRANCISCO JAVIER TIRADO ; FRANCISCO JAVIER TIRADO RUIZ**11) Family number: 62653012** (DE102014018536A1)

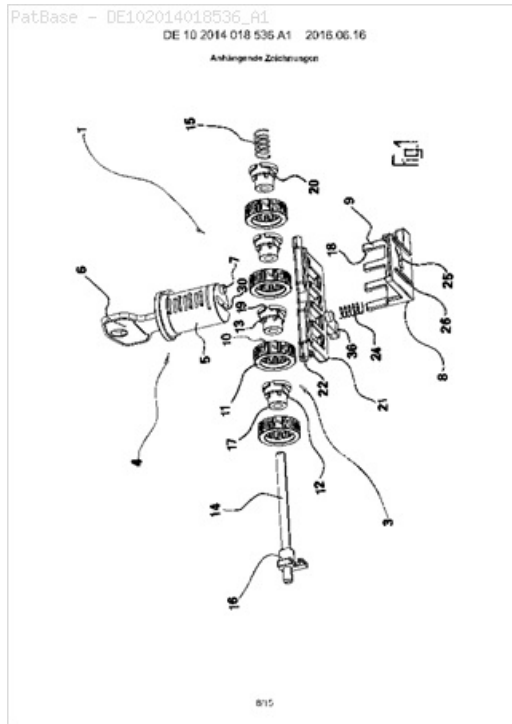
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Title: SCHLOSSVORRICHTUNG LOCK DEVICE (Machine translation)

Abstract: Source: DE102014018536A1 [DE] Eine Schlossvorrichtung (2) hat ein Schliesswerk (1) mit einem Kombinationsschloss (3), an dem mittels verstellbaren Codierelementen (10) ein Schlueselgeheimnis einstellbar ist, einem Sekundaerschloss (4), mittels dem das Schlueselgeheimnis des Kombinationsschlusses (3) auffindbar ist, und einer Rasteinrichtung (8), die mittels des Sekundaerschlosses (4) zwischen einer Ruhestellung, in der sie nicht auf das Kombinationsschloss (3) einwirkt, und einer Betriebsstellung verstellbar ist, in der sie an den Codierelementen (10) des Kombinationsschlusses (3) in Anlage ist. Um eine derartige Schlossvorrichtung fuer unterschiedliche Bereiche mit unterschiedlichen Schliesskreisen moeglichst flexibel einsetzen zu koennen, wird vorgeschlagen, dass die Schlossvorrichtung (2) aus einer vormontierten Einheit (3, 8), die das Kombinationsschloss (3) und die Rasteinrichtung (8) aufweist, und dem Sekundaerschloss (4) zusammenstellbar ist, und dass die vormontierte Einheit (3, 8) eine Sekundaerschlossaufnahme (41) aufweist, in der unterschiedliche Sekundaerschloesser (4), die als Schliesszylinder (5) ausgebildet sind und deren Schliesszylinder unterschiedliche Schliesskreise aufweisen, aufnehmbar sind.

Machine translation: A lock device (2) has a Schliesswerk (1) with a combination lock (3), on the means of adjustable coding elements (10) a Schlueselgeheimnis is adjustable, a Sekundaerschloss (4), by means of which the Schlueselgeheimnis the combination lock (3) is found, and a locking device (8), by means of Sekundaerschlosses (4) between a rest position in which they are not on the combination lock (3) is applied, and an operating position is adjustable in it to the coding elements (10) of the combination lock (3) in plant. In order to be able to use for different regions with different Schliesskreisen as flexible as possible, such a lock device, it is suggested that the lock device (2) from a pre-assembled unit (3, 8) that the combination lock (3) and the locking device (8), and the Sekundaerschloss (4) is put together, and in that the preassembled unit (3, 8) has a Sekundaerschlossaufnahme (41), in which different Sekundaerschloesser (4), which are formed as locking cylinder (5) and whose locking cylinders have different Schliesskreise, aufnehmbar are.

Classifications:**International (IPC 8-9):** E05B37/00 E05B65/44 (Advanced/Invention)**CPC:** E05B37/02 E05B37/0034

**Family:**

Publication number	Publication date	Application number	Application date
DE102014018536 A1	20160616	DE201410018536	20141212

Priority:

DE201410018536 20141212

Probable Assignee:

SUDHAUS GMBH AND CO KG

Assignee(s): (std):

SUDHAUS GMBH AND CO KG

Inventor(s): (std):

HARTMANN MICHAEL

12) Family number: 18187013 (DE369553A)

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Title: NOTVERSCHLUSS FUER WERTBEHAELTER U. DGL. Emergency shutoff for Wertbehaelter etc. (Machine translation)

Abstract: Source: DE369553A [DE] (Claim 1) 1. l'ATrNT-ANSPRUECIiR: i. Notverschluss fuer Wertbehaelter u. dgl., der nach dem Einschalten nur von einer mit seiner Einstellung vertrauten Person geoeffnet werden kann, dadurch gekenn zeichnet, dass zwecks Vermeidung aeusser licher Sichtbarkeit des Notverschlusses und einer besonderen Durchbrechung der Tuer einer der gebraeuchlichen aeusseren Verschlusssteile, z. B. der Knauf (3) des Kombinationsschlusses, mit einer ihn zur Einwirkung auf eine zweite das Schloss sperrende Kombination befahigenden Son derbeweglichkeit, z. B. einer achsialen Verschiebbarkeit, ausgestattet ist.

Machine translation: (claim 1) 1 l'ATrNT-ANSPRUECIiR: i stoplog for Wertbehaelter and the like, the familiar after switching from only one with his recruitment person can be opened, marked thereby distinguished that the purpose of avoiding externality Licher visibility of the emergency seal and a special opening of the door one of the common external shutter parts, such as the knob (3) the combination lock, with a derbeweglichkeit him to act on a second locking the lock combination empowering Sun, for example, an axial displacement is provided.

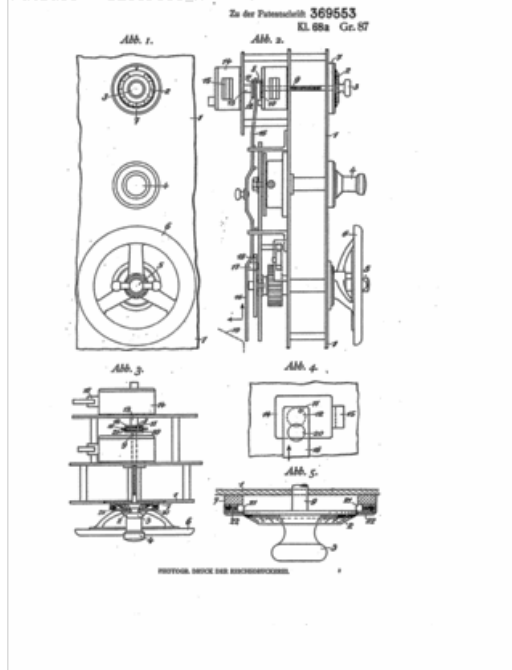
Classifications:

International (IPC 8-9): E05B63/00 (Advanced/Invention);
E05B63/00 (Core/Invention)

International (IPC 1-7): E05B63/00

CPC: E05B63/00

European: 68AG113 E05B63/00

**Family:**

Publication number	Publication date	Application number	Application date
DE369553 A	19230220		00000000

Probable Assignee: S I ARNHEIM FA
Assignee(s): (std): S I ARNHEIM FA
Assignee(s): FIRMA S I ARNHEIM

13) Family number: 57607016 (DE202013102710U1)

© PatBase

Title: SCHLOSS UND BEHAELTER ZUR AUFNAHME VON GEGENSTAENDEN CASTLE AND CONTAINERS FOR STORAGE OF GOODS (Machine translation)

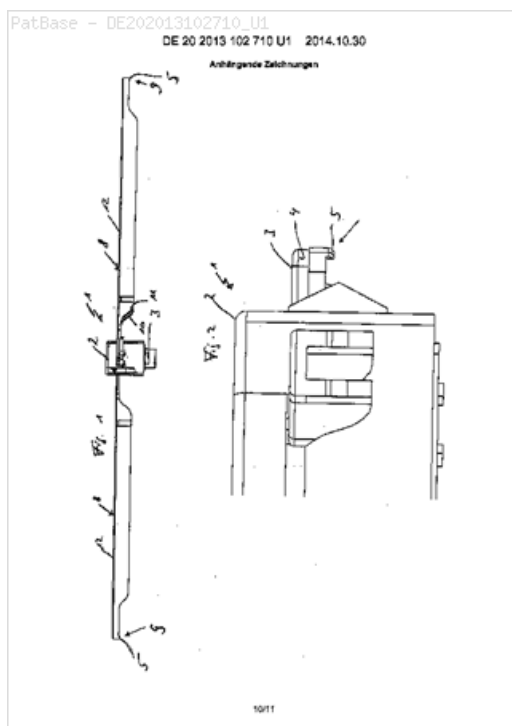
Abstract: Source: DE202013102710U1 [DE] Schloss mit einem Gehaeuse (2) und einem in dem Gehaeuse (2) zwischen einer Schliess- und oeffnungsstellung bewegbaren Riegel (3), wobei der Riegel (3) einen ueber seine Aussenmantelflaeche (4) hervorstehenden Vorsprung (4) und/oder eine Ausnehmung bzw. eine oeffnung zur Aufnahme eines Rastvorsprungs aufweist.

Machine translation: Lock with a Gehaeuse (2) and one in the Enclosures (2) between a closing and opening position movable bolt (3), wherein the bolt (3) one about the Aussenmantelflaeche (4) extending protrusion (4) and / or has a recess or opening for receiving a locking projection.

Classifications:

International (IPC 8-9): A47G29/124 E05B15/14
E05B63/12 (Advanced/Invention)

CPC: E05B63/12 A47G29/14 E05C9/04 E05C9/185

**Family:**

Publication number	Publication date	Application number	Application date
DE202013102710 U1	20141030	DE201320102710U	20130621

Priority:

DE201320102710U 20130621

Probable Assignee:

BURG WAECHTER KG

Assignee(s): (std):

BURG WAECHTER KG

14) Family number: 67559021 (DE102016006245B4)

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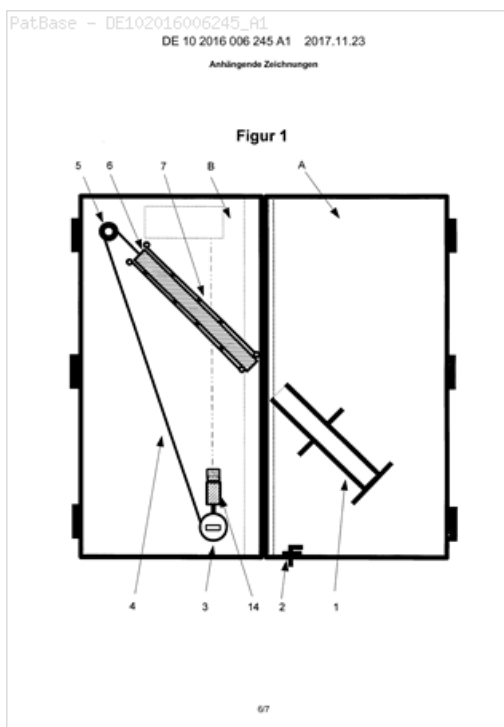
Title: SEIL-RIEGEL-DIAGONAL-VERSCHLUSSSYSTEM FUER DOPPELTUEREN MIT ELEKTRONISCHER ZUGANGSKONTROLLE

Abstract: Source: DE102016006245B4 [DE] Seil-Riegel-Diagonal-Verschlosssystem (C4), bestehend aus einer handelsueblichen Doppeltuer (A,B) mit einem Verriegelungsbolzen (2), auf der Innenseite der Doppeltuer (A,B) angebrachter Seilzugtechnik in Verbindung mit einem diagonal zur Doppeltuer (A,B) angeordneten Schiebeverriegelung-Verschluss, ein von der Aussenseite der Doppeltuer (A,B) zugaenglicher Schliesszylinder (3) wobei der Zugriff auf den Schliesszylinder (3) ueber ein abklappbares Zugangsterminal (T6) mit Mobilfunk-Kapsel (K1) erfolgt und der Schliesszylinder (3) ueber einen Blockierschalter (14) mit Mobilfunkeinheit (ME) oder mit Mobilfunk-Kapsel (K1) abgesichert ist, die ueber eine System-App (15) steuerbar ist, wobei das Seil-Riegel-Diagonal-Verschlosssystem (C4) weiter umfasst: einen Schliessaufnahmeprofilkoerper (1), ein Steuerseil (4) eine Seilumlenkrolle (5), ein Verriegelungskoeerper (6), ein Fuehrungsprofilkoerper (7), eine Abdeckung (8) des Zugangsterminals (T6), drei System-Seriennummern (9), ein Sicherheitsbeschlag (10), ein Solarmodul mit Akku (11), eine LED-Anzeigeneinheit (12), drei Systemschluesel (13) und mehrere Sensoren (16).

Classifications:

International (IPC 8-9): B60R25/01 B60R25/102 E05B83/02 E05B83/12 H04Q9/00 (Advanced/Invention)

CPC: B60R25/01 B60R25/102 E05B17/226 E05B47/0673 E05B53/003 E05B83/12 E05B2047/0064 E05C7/04



Family:

Publication number	Publication date	Application number	Application date
DE102016006245 A1	20171123	DE201610006245	20160520
DE102016006245 B4	20190314	DE201610006245	20160520

Priority:

DE201610006245 20160520

Probable Assignee:

MENZEL GEORGE WERNER

Assignee(s): (std):

MENZEL GEORGE WERNER

Inventor(s): (std):

MENZEL GEORGE WERNER

15) Family number: 34466022 (US2007107476A)

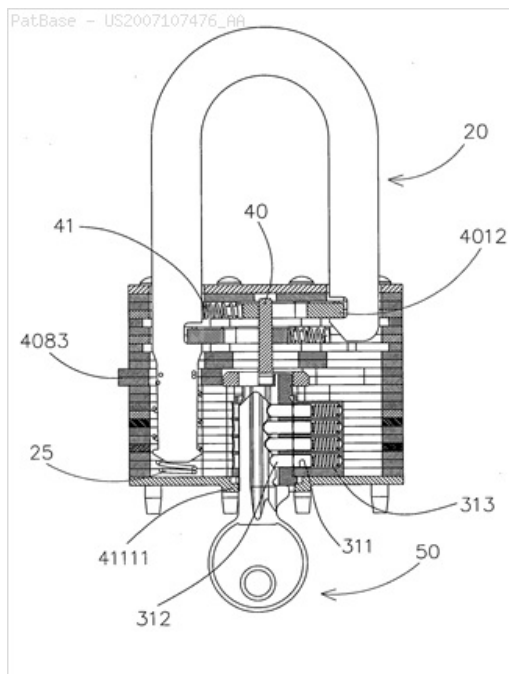
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Title: LAMINATED PADLOCK

Abstract: A laminated padlock, having a lock body, a shackle moveably mounted to the lock body, a cylinder unit received within the lock body, the cylinder unit has cylinder core rotatably received within the lock body between a locking position and a releasing position, and an activating member synchronously coupled to said cylinder core. A latching arrangement provided for associating the cylinder unit and the shackle, which has a pair of striking chip received within the lock body with an opposite moveable manner for managing a release of the shackle, in the locking position, the activating member is capable of driving two striking chips outwardly extended to insert into the shackle legs for locking up the shackle, in the releasing position, the activating member is capable of inwardly retracting the striking chips from the shackle legs so as to disengage the shackle legs from the lock body.

Classifications:

International (IPC 8-9): E05B67/24 (Advanced/Invention); E05B67/00 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
US2007107476 AA	20070517	US20050282152	20051117

Priority:

US20050282152 20051117 US20050282152 20051117

Probable Assignee: PATH LINE NG S HOLDINGS LTD

Assignee(s): (std): PATH LINE NG S HOLDINGS LTD

Assignee(s): PATH LINE (NG'S) HOLDINGS LTD ; PATH LINE HOLDINGS LTD ; PATH LINE NG S HOLDINGS LIMITED

Inventor(s): (std): RUAN JIAQIANG

Agent(s): RAYMOND Y CHAN

16) Family number: 30476024 (DE10246650A1)

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Title: Goods/packages orders/storage method for ordering and depositing goods/packages in a locker unit uses several lockers locked/unlocked with electric locks and secure encoding

Abstract: A computer records details of customer and goods like name and address and uses the delivery address of a locker unit and customer name under a secure encoding algorithm to work out a collection number later sent to the customer with details of pick-up, times and delivery via telephone, e-mail or short messaging service. Goods are delivered to the locker unit. An Independent claim is also included for a locker unit with a device for carrying out the method of the present invention.

Classifications:

International (IPC 8-9): E05B49/00 E05G1/08 G07F17/12 (Advanced/Invention);

E05B49/00 E05G1/00 G07F17/10 (Core/Invention)

International (IPC 1-7): E05B49/00 E05G1/06 G07F17/12

CPC: E05G1/08 G07F17/12

European: E05G1/08 G07F17/12

Family:

Publication number	Publication date	Application number	Application date
DE10246650 A1	20040415	DE20021046650	20021007
DE10246650 B4	20090910	DE20021046650	20021007

Priority:

DE20021046650 20021007

Probable Assignee: CLAUSEN OLAF

Assignee(s): (std): CLAUSEN OLAF

Inventor(s): (std): HEINLEIN WERNER

17) Family number: 11757026 (DE4426605A1)

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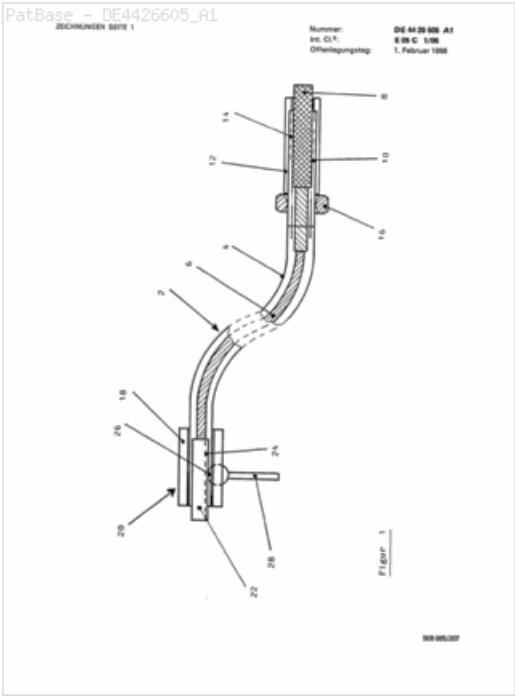
Title: Security lock for doors, roller shutters etc.

Abstract: The bolt (8) is slidable in a hold between locked and release position, engaging a lock aperture in its locked position. The bolt is secured to a Bowden cable (6) and is slidable in a sleeve (10,12) coupled to the Bowden cable jacket (4). The other end of the Bowden cable is linked to an actuation (20) for the security lock. Pref. the sleeve passes through a hub of at least one roll by which the door etc. is guided in a rail. The lock aperture is formed in the rail. The Bowden cable other end may be coupled to a slider, actuated by the door lock and serving for normal door locking.

Classifications:

International (IPC 8-9): E05B53/00 E05B63/14

E06B9/86 (Advanced/Invention);
E05B53/00 E05B63/00 E06B9/80 (Core/Invention)
International (IPC 1-7): E05C1/06 E06B9/86
CPC: E05B53/005 E05B63/143 E06B9/86
European: E05B53/00D2 E05B63/14B E06B9/86



Family:

Publication number	Publication date	Application number	Application date
DE4426605 A1	19960201	DE19944426605	19940727

Priority:

DE19944426605 19940727

Probable Assignee: SFK GMBH AND CO KG SEILZUEGE FUE

Assignee(s): (std): SFK GMBH AND CO KG SEILZUEGE FUE ; SFK GMBH AND CO SEILZUEGE FUE KG

Assignee(s): SFK GMBH AND CO KG SEILZUEGE FUER DIE FAHRZEUGINDU ; SFK GMBH AND CO KG SEILZUEGE FUER DIE FAHRZEUGINDUSTRIE 35799 MERENBERG DE

Inventor(s): (std): SCHUSTER REINHARD DIPL ING

Inventor(s): SCHUSTER REINHARD DIPL ING 65620 WALDBRUNN DE

18) Family number: 11507027 (AU783885B) © PatBase

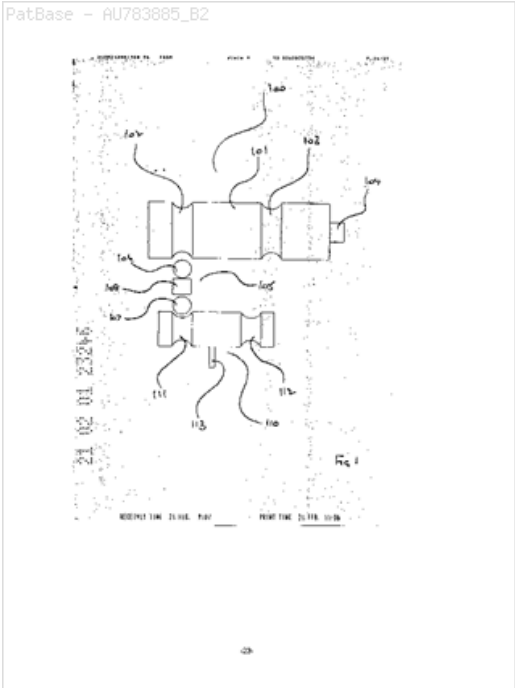
Title: A locking mechanism

Abstract: EDITORIAL NOTE FOR 23246/01 THE SPECIFICATION HAS NO ABSTRACT

Classifications:

International (IPC 8-9): E05C1/06 (Advanced/Invention);
E05C1/00 (Core/Invention)

International (IPC 1-7): E05C1/06



Family:

Publication number	Publication date	Application number	Application date
AU2000005757 A0	20000316	AU2000PQ05757	20000222
AU200123246 A1	20010823	AU20010023246	20010221

AU200123246 A5	20010823	AU20010023246D	20010221
AU575700 A0	20000316	AU2000PQ05757	20000222
AU783885 B2	20051222	AU20010023246	20010221

Priority:

AU2000PQ05757 20000222 AU20010023246 20010221

Probable Assignee: BACCOZ DEV PTY LTD

Assignee(s): (std): BACCOZ DEV PTY LTD

Assignee(s): BACCOZ DEVELOPMENTS PTY LTD

Inventor(s): (std): COOK BRIAN ARTHUR

Inventor(s): BRIAN ARTHUR COOK

Agent(s): BACCOZ DEVELOPMENTS PTY LTD

19) Family number: 43545028 (US2009187274A)

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Title: PHARMACEUTICAL DISPENSING SYSTEM WITH COORDINATE GUIDANCE

Abstract: The invention describes improved methods and mechanisms for providing secure access to pharmaceutical and supply items in a clinical setting. In one version of the invention, a dispensing unit has an interior housing one or more drawers. Each drawer has one or more storage locations. The fronts of the drawers are covered with one or more locking doors, preventing access to a particular drawer, unless the covering door is unlocked. Indicators are mounted on the side of the enclosure, to guide the user to a drawer covered by an associated unlocked door. The unit further includes indicators on the sides of the drawers, to guide the user to the right storage receptacles or pockets within the drawer. Some pockets may have lids. Some of the lids may have locks. Sensors associated with at least some of the individual pocket lids may be provided to detect the lifting of a lid. Means to automatically detect the entry of a hand or fingers into a pocket may be provided. One or more loudspeakers may be mounted on the unit, to provide auditory guidance and confirmation of correct access, by sounds and voice prompts. One or more video cameras may be mounted on the unit. A processor is mounted in the unit, or, in the case of an auxiliary unit, the auxiliary unit is connected to the processor on the main unit. The processor is connected to receive signals from sensors in the dispensing unit, from the video camera, and to send signals to the indicators, and to send auditory information to loudspeakers which are designed to focus the sound specifically to the user. Modular locking drawers may be mounted in this unit also, dispensing individual doses using a method where the drawer has to be fully closed for each unit dose of medication taken.

Classifications:

International (IPC 8-9): B65D83/00 E05B65/46 G06F17/00

G08B21/00 G08B5/36 (Advanced/Invention);

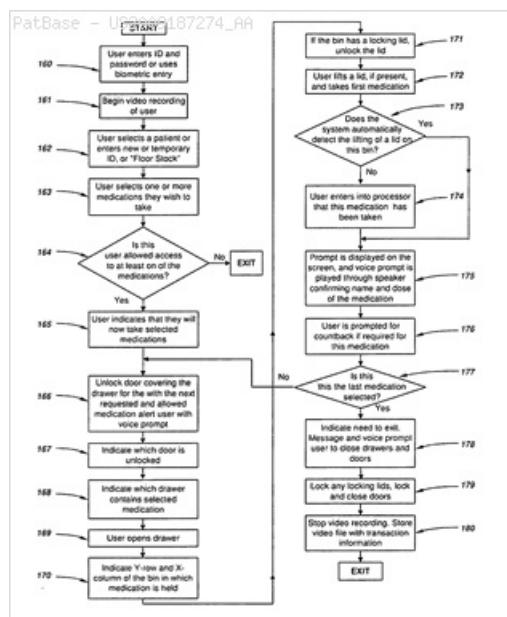
B65D83/00 E05B65/44 G06F17/00 G08B21/00

G08B5/22 (Core/Invention)

CPC: Y10T70/5128 G07C9/00912

European: G07C9/00E20C

US: 221/151 221/152 221/3 221/4 340/657 340/815.45 70/85 700/237 700/237P 700/240 700/242 700/244



Family:

Publication number	Publication date	Application number	Application date
US2009187274 AA	20090723	US20080016913	20080118
US2010114369 AA	20100506	US20090636656	20091211
US7693603 BB	20100406	US20080016913	20080118
US8090473 BB	20120103	US20090636656	20091211

Priority:

US20070866081P 20070122 US20070886081P 20070122 US20080016913 20080118
US20090636656 20091211

Probable Assignee: HIGHAM JOHN DAVID

Assignee(s): (std): HIGHAM JOHN DAVID

Inventor(s): (std): HIGHAM JOHN DAVID

Agent(s): LEVINE BAGADE HAN LLP

20) Family number: 41085029 (WO08006233A1)

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Title: CAGE DOOR

Abstract: A door module (32, 33) for closing a door opening (4) in a test animal cage (1) is proposed, the door module meeting the very stringent requirements in terms of animal health and animal welfare and reproducibility of the tests, by the door module ensuring that test animals remain unscathed when the door opening is closed. In the case of the novel door

module, a door slide (50) is mounted in a manner such that it is movable linearly up and down in a channel (35). The door slide is coupled by means of magnets to a drivable door-lifting mechanism (60) and is moved to and fro by the latter between a release position and a position for closing the door opening (4). If, when the door opening is closed, the door slide strikes against an obstacle (generally a body part of a test animal) and if, in the process, a maximum force is exceeded, then the magnetic connection is released and the door slide (50) is decoupled from the door-lifting mechanism (60) and drops back in the channel to the lower release position. As a result, the test animals are protected against injuries and the system can automatically reestablish the operational connection. In addition, the contact-free connection between door-lifting mechanism and door slide makes it possible for the channel, in which sugar- and/or protein-containing reward liquids are dispensed, to be encapsulated on all sides and for soiling to be restricted to minimal regions so as to minimize the outlay on cleaning and malfunctions caused by soiling.

Classifications:

International (IPC 8-9): A01K1/03 E05F15/00 (Advanced/Invention); A01K1/02 E05F15/00 (Core/Invention)

CPC: E05Y2600/46 E05Y2600/52 E05Y2201/218 E05Y2201/236 E05Y2201/46 E05Y2900/602 A01K1/031 E05F15/41 E05F15/635

European: A01K1/03A P05F15/00B4 P05F15/14D P05Y201/218 P05Y201/232 P05Y201/236 P05Y201/46

PatBase - WO08006233_A1

WO 2008006233

PCT/CH005960328



Fig. 1a (prior art)

Family:

Publication number	Publication date	Application number	Application date
EP2041386 A1	20090401	EP20070763935	20070706
WO08006233 A1	20080117	WO2007CH00328	20070706

Priority:

CH20060001097 20060708 WO2007CH00328 20070706

Probable Assignee: NEWBEHAVIOR AG

Assignee(s): (std): BURGER RETO ; NEUHAEUSSER WESPY FRIEDER ; NEWBEHAVIOR AG

Inventor(s): (std): BURGER RETO ; NEUHAEUSSER WESPY FRIEDER

Agent(s): RENTSCH AND PARTNER; RENTSCH PARTNER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU 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 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 SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

21) Family number: 49049030 (US2012138677A)

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Title: AUTOMATED BANKING SYSTEM CONTROLLED RESPONSIVE TO DATA BEARING RECORDS

Abstract: An automatic banking machine operates responsive to data read from data bearing records corresponding to authorized user or financial account data. The machine includes a card reader for reading data from user cards. The automated banking machine causes financial transfers related to financial accounts that correspond to data read from user cards. The automated banking machine also includes devices that control the supply of power to included devices to avoid exceeding power supply capacity.

Classifications:

International (IPC 8-9): B65H29/20 B65H43/00 B65H5/22 B65H7/02 B65H7/20 E05G1/00 G06F1/00 G06F1/26 G06F1/30 G06F1/32

G06F17/00 G06F19/00 G06F7/08 G06K1/00 G06K5/00 G06Q20/10 G06Q40/00 G06Q40/02 G07D11/00 G07F19/00 G07G5/00

H02J9/06 (Advanced/Invention);

G07F19/00 (Core/Invention)

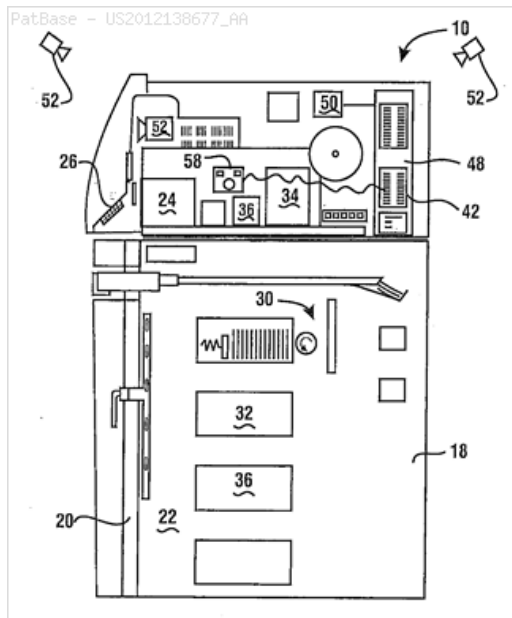
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G07F19/207 H02J9/061 G06Q20/1085 G06Q40/02 G07F19/20 G07G5/00 G07F19/203 G06F1/263 G06F1/30 G07F19/205

G07F19/201 G07F19/202 H04L67/125 Y02D10/122 Y04S40/18 G07D11/40

European: G06Q20/1085 G06Q40/02 G07F19/00F G07F19/20 G07F19/201 G07F19/207 G07F19/209 G07G5/00

US: 1/1 109/50 109/51 235/375 235/379 235/379P 235/380 235/382 271/176 271/258.01 271/3.01 271/3.14 271/315 271/4.03 307/65 705/43 713/300 713/310 713/323 713/324 713/330 902/12 902/13 902/14 902/22 902/8 902/9

**Family:**

Publication number	Publication date	Application number	Application date
AP201508841 A0	20151130	AP20150008841	20140421
BR112015026515 A2	20170725	BR20151126515	20140421
CN105339990 A	20160217	CN201480035166	20140421
CN105339990 B	20171205	CN201480035166	20140421
CN107808463 A	20180316	CN201711101523	20140421
EP2987148 A1	20160224	EP20140729125	20140421
IN04577DN2013 A	20160513	IN2013DN04577	20130523
IN09817DN2015 A	20160318	IN2015DN09817	20151019
US2012138677 AA	20120607	US20110324252	20111213
US2012145782 AA	20120614	US20110324288	20111213
US2012312870 AA	20121213	US20120567023	20120804
US2014138434 AA	20140522	US20130078220	20131112
US2014166746 AA	20140619	US20140189124	20140225
US2014299661 AA	20141009	US20140257167	20140421
US2014339758 AA	20141120	US20140451971	20140805
US2015076222 AA	20150319	US20140551636	20141124
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US2017193759 AA	20170706	US20170408139	20170117
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US8281986 BA	20121009	US20090459189	20090626
US8448849 BA	20130528	US20110134592	20110610
US8534548 BA	20130917	US20120646829	20121008
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US8579191 BB	20131112	US20110324252	20111213
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US8684262 BA	20140401	US20120461235	20120501
US8733634 BA	20140527	US20120461258	20120501
US8794512 BA	20140805	US20120594149	20120824
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US9595848 BB	20170314	US20150937085	20151110
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US10026271 BB	20180717	US20170408139	20170117
US10290189 BB	20190514	US20180900143	20180220
WO12082769 A1	20120621	WO2011US64694	20111213
WO14172696 A1	20141023	WO2014US34760	20140421

Priority:

US20080133346P	20080627	US20080133477P	20080630	US20080192282P	20080917
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US20180900143 20180220

Probable Assignee: DIEBOLD NIXDORF INC

Assignee(s): (std): COX JERRY ; COGAN VICTOR ; CREWS TIMOTHY ; DIEBOLD SELF SERVICE SYSTEMS DIV OF DIEBOLD INC ; DIEBOLD NIXDORF INC ; KRZIC DAVE ; RYAN MIKE R ; MA SONGTAO ; RAMACHANDRAN NATARAJAN ; MILLER WILLIS ; JENKINS RANDALL W ; TOEPKE ERIC ; SHEPLEY STEVEN ; ERTLE THOMAS D ; ERTLE TOM ; OWENS VINCENT L ; FOCKLER GREGORY ; HARTY MICHAEL J ; EASTMAN JEFFREY M ; JOHNSON MICHAEL S ; GRIGGY SHAWN ; JONES BRIAN ; LE NAM ; TULA PEDRO ; NIKKEL DAVID ; RAMACHANDRAN NATARAJAN ; RYAN MIKE ; ARIKATLA JHANSI ; BARNETT ROBERT W ; BESKITT WILLIAM D ; BILLETT NICHOLAS ; BILLETT NICK ; BRANNAN JEFF A ; DIEBOLD SELF SERVICE SYS ; CREWS TIM ; COGAN VICTOR A ; DIEBOLD INC ; DIEBOLD SELF SERVICE SYSTEMS ; TUROCY KENNETH ; VANKEULEN ERIC S ; VIDMAR DAVID ; VANKEULEN ERIE S ; WELLBAUM WAYNE

Assignee(s): DIEBOLD SELF SERVICE SYSTEMS DIVISION OF DIEBOLD INC ; DIEBOLD SELF SERVICE SYSTEMS DIVISION OF DIEBOLD I ; DIEBOLD SELF SERVICE SYSTEMS DIVISION OF DIEBOLD INCORORATED ; JPMORGAN CHASE BANK NA ADMINISTRATIVE AGENT AS

Inventor(s): (std): BILLETT NICK ; CREWS TIM ; KRZIC DAVE ; ERTLE TOM ; SHEPLEY STEVEN ; COGAN VICTOR A ; COX JERRY ; RYAN MIKE R ; FOCKLER GREGORY ; MILLER WILLIS ; JENKINS RANDALL W ; OWENS VINCENT L ; RAMACHANDRAN NATARAJAN ; MA SONGTAO ; TOEPKE ERIC ; ERTLE THOMAS D ; JOHNSON MICHAEL S ; TUROCY KENNETH ; JONES BRIAN ; BARNETT ROBERT W ; GRIGGY SHAWN ; VANKEULEN ERIC S ; BRANNAN JEFF A ; HARTY MICHAEL J ; EASTMAN JEFFREY M ; BESKITT WILLIAM D ; RYAN MIKE P ; HARTY MICHAEL ; BILLETT JR NICHOLAS T ; VICTOR A COGAN ; DAVE KRZIC ; STEVEN SHEPLEY ; NICHOLAS BILLETT ; WILLIS MILLER ; TIMOTHY CREWS ; THOMAS D ERTLE ; NATARAJAN RAMACHANDRAN ; MIKE RYAN ; ERIC TOEPKE ; SONGTAO MA ; RANDALL W JENKINS ; RAMACHANDRAN NATARAJAN ; BILLETT NICHOLAS ; CREWS TIMOTHY ; JENKINS RANDALL ; KOGAN VICTOR A ; RYAN MIKE ; ERTLE THOMAS ; WELLBAUM WAYNE ; ARIKATLA JHANSI ; VANKEULEN ERIE S ; VIDMAR DAVID ; NIKKEL DAVID ; TULA PEDRO ; LE NAM ; COGAN VICTOR

Inventor(s): BILLETT JR

Agent(s): D YOUNG AND CO LLP; WALKER AND JOCKE; RALPH E; CHRISTOPHER L; DANIEL D; BLACK MCCUSKEY SOUERS AND ARBAUGH LPA; JOCKE RALPH E; DONOVAN LARRY B

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

22) Family number: 58999035 (US2015101370A)

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Title: ENERGY EFFICIENT MULTI-STABLE LOCK CYLINDER

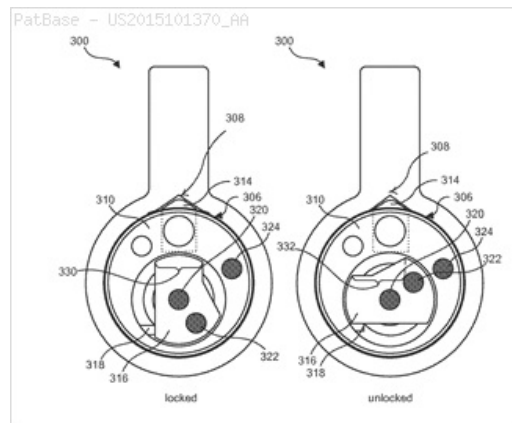
Abstract: Some embodiments include a lock cylinder comprising: a plug assembly having a front portion and a back portion; a housing shell within which the plug assembly is rotatably disposed, wherein the housing shell includes a notch; wherein the back portion of the plug assembly comprises: a locking pin that is movably disposed, and wherein the locking pin is configured to prevent a rotation of the plug assembly when the locking pin is engaged in the notch and prevented from retracting by a multi-stable mechanism; and the multi-stable mechanism having at least two stable configurations corresponding to respectively to a locked state and an unlocked state, wherein the multi-stable mechanism can maintain the stable configurations without consuming energy; wherein, at a first stable configuration, the multi-stable mechanism prevents the locking pin from retracting, and, at a second stable configuration, the multi-stable mechanism enables the locking pin to retract.

Classifications:

International (IPC 8-9): E05B15/00 E05B21/06 E05B35/00 E05B47/00 E05B47/06 E05B49/00 E05B5/00 G07C9/00 G08B21/00 H04B5/00 (Advanced/Invention)

CPC: E05B35/00 E05B47/0001 E05B47/0012 E05B47/0038 G07C2009/00634 G07C9/00309 Y10T70/625 Y10T70/7136 Y10T70/7588 Y10T70/7904 E05B47/0044 E05B47/0003 E05B2047/0072 E05B2047/0066 E05B21/066 E05B15/0053 E05B15/0073 E05B47/0615 E05B47/063 E05B2047/0094

US: 1/1 340/5.61 70/263 70/276 70/277 70/283.1 70/413 70/490



Family:

Publication number	Publication date	Application number	Application date
EP3055471 A1	20160817	EP20140852118	20141010
EP3055933 A2	20160817	EP20140852368	20141010
JP2016532802 T2	20161020	JP20160547983T	20141010
JP2016536497 T2	20161124	JP20160547986T	20141010
US2015101370 AA	20150416	US20140475442	20140902
US2015102904 AA	20150416	US20140475456	20140902
US2016060903 AA	20160303	US20150937592	20151110
US2018347233 AA	20181206	US20180872981	20180116
US9133647 BB	20150915	US20140475456	20140902
US9222282 BB	20151229	US20140475442	20140902
US9903139 BB	20180227	US20150937592	20151110
WO15054646 A2	20150416	WO2014US60154	20141010
WO15054646 A3	20150604	WO2014US60154	20141010
WO15054667 A1	20150416	WO2014US60179	20141010

Priority:

US20130890053P 20131011
WO2014US60154 20141010
US20180872981 20180116

US20140475442 20140902
WO2014US60179 20141010

US20140475456 20140902
US20150937592 20151110

Probable Assignee: NEXKEY INC**Assignee(s):** (std): NEXKEY INC**Inventor(s):** (std): RUSSO PETER R ; HERSCOVITCH MATTHEW PATRICK ; OH SOOSEOK ; HART JASON ; KREMEN GARY**Agent(s):** LAMPIS MARCO; PERKINS COIE LLP; PATENT LAW WORKS LLP; CHENG SHIH YO SHAWN ET AL**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**23) Family number: 24013037 (US6464269B)**

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Title: SECURITY SEAL AND REMOVAL TOOL

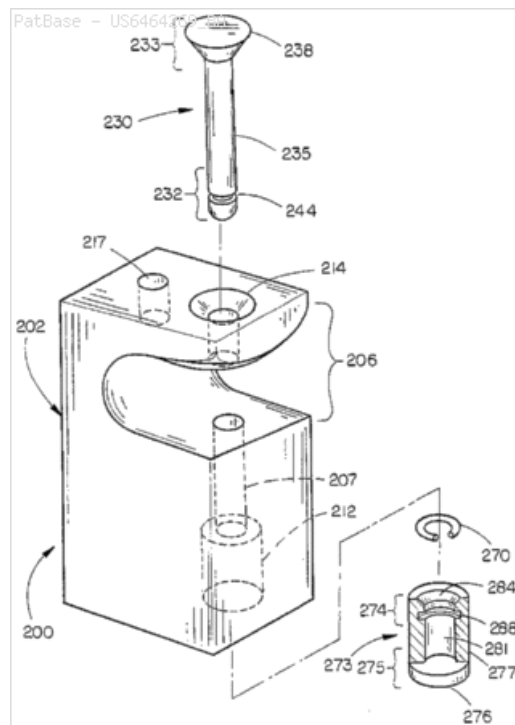
Abstract: A tamper resistant security device, a removal tool, and methods of engaging and disengaging the tamper resistant security device are provided. The tamper resistant security device includes a locking pin including a head, a shaft, and a groove, a locking cap comprising a blind hole, a groove formed inside and substantially coaxial with the blind hole, and a snap ring fitting within the groove and further capable of snapping into the groove of the locking pin. A protective cover includes a closure device cavity, a locking pin hole extending through the protective cover, a locking cap cavity, and an alignment hole. During assembly, the protective cover is placed over the closure device, the locking pin passes through the locking pin hole, and the locking cap is placed in the locking cap cavity and the snap ring of the locking cap is retained in the locking groove of the locking pin. The removal tool fits over the tamper resistant security device and includes a punch pin that is capable of punching through the locking cap, dislodging the locking pin from the locking cap, and thereby disengaging the tamper resistant security device.

Classifications:**International (IPC 8-9):** E05B39/00 (Advanced/Invention);

E05B67/36 (Advanced/Non-invention);

E05B39/00 (Core/Invention);

E05B67/00 (Core/Non-invention)

International (IPC 1-7): B65D27/30**CPC:** E05B39/00 E05B67/36 Y10T70/30 Y10T70/443 Y10T70/498
Y10T292/31 Y10T292/48 Y10T292/496 Y10T292/51 Y10T292/534**European:** E05B39/00 P05B67/36**US:** 292/281 292/307R 292/318 292/327 292/331 70/2 70/34 70/56**Family:**

Publication number	Publication date	Application number	Application date
US6464269 BA	20021015	US20010793605	20010227

Priority:

US20010793605 20010227

Probable Assignee: JORGENSEN KEVIN**Assignee(s):** JORGENSEN KEVIN ; WILHELM RICHARD E**Inventor(s):** (std): JORGENSEN KEVIN ; WILHELM RICHARD E**24) Family number: 46421039 (US2010194579A)**

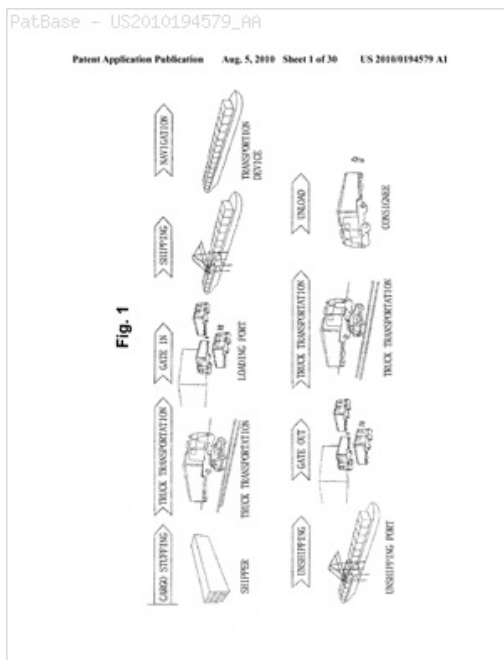
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Title: CONTAINER SECURITY DEVICE, CONTAINER SECURITY SYSTEM, AND SECURITY MANAGEMENT METHOD

Abstract: Provided are a container security device, a container security system, and a security management method which efficiently check opening/closing of a container door and an opening/closing record of the container door and process seal information, cargo state information, base passing information, and location tracking information in real-time from a gate-out process from a shipper (POA) to a gate-in process to a consignee (POD). The container security system includes the container security device which includes a first communication means for providing container seal information through multi-channel communication; and a second communication means for providing information about container transportation and storage in real-time.

Classifications:

International (IPC 8-9): B60J5/10 B65D88/12 B65D90/48 B65D90/54 E05B65/16 E05B83/02 G06Q10/00 G06Q10/08 G06Q50/00 G08B21/00 G08B25/00 (Advanced/Invention); B60J5/10 B65D88/00 B65D90/00 E05B65/12 G06Q10/00 G08B25/00 (Core/Invention)
CPC: B65D90/00 B65D2211/00 B65D2590/0083 B65D88/12 B60J5/10 B65D90/54 E05B83/02 B65D90/008 B65D2213/00 G06Q10/08 G08B21/0288 G08B25/10 H04W84/18
European: B65D90/00 L65D211/00 L65D590/00K
US: 340/686.6 340/686.600P



Family:

Publication number	Publication date	Application number	Application date
CN101792045 A	20100804	CN200910265772	20091231
KR101003497 B1	20101230	KR20090007953	20090202
KR101041214 B1	20110613	KR20090012930	20090217
KR20100088835 A	20100811	KR20090007953	20090202
KR20100093826 A	20100826	KR20090012930	20090217
US2010194579 AA	20100805	US20090634482	20091209

Priority:

KR20090007953 20090202 KR20090012930 20090217

Probable Assignee: DONG A UNIV IND UNIV COOPERATION FOUNDATION

Assignee(s): (std): DONG A UNIVERSITY INDUSTRY UNI ; DONG A UNIVERSITY INDUSTRY UNIVERSITY COOPERATION ; UNIV DONG A RES FOUNDATION

Assignee(s): DONG A UNIVERSITY RESEARCH FOUNDATION FOR INDUSTRY ACADEMY COOPERATION ; DONG A UNIVERSITY INDUSTRY UNIVERSITY COOPERATION FOUNDATION ; DONG A UNIV IND UNIV COOPERATION FOUNDATION ; DONG A UNIV RESEARCH FOUNDATION FOR IND ACADEMY COOPERATION

Inventor(s): (std): KIM CHAE SOO ; CHOI HYUNG RIM ; LEE JAE KEE ; LEE GANG BAE ; SON JUNG ROCK ; HONG SOON GOO ; LEE JAE IK ; KIM HEE YOON ; KIM JAE JOONG ; KWARK GWANG HOON ; KANG MOON HONG ; SHIN JOONG JO ; LEE EUN KYU ; KANG MOO HONG ; SOO KIM CHAE ; IK LEE JAE ; ROCK SON JUNG ; JO SHIN JOONG ; HOON KWARK GWANG ; KEE LEE JAE ; GOO HONG SOON ; YOON KIM HEE ; JOONG KIM JAE ; KYU LEE EUN ; BAE LEE GANG ; RIM CHOI HYUNG ; HONG KANG MOON

Agent(s): SHERR AND VAUGHN PLLC

25) Family number: 56601039 (US2014150502A)

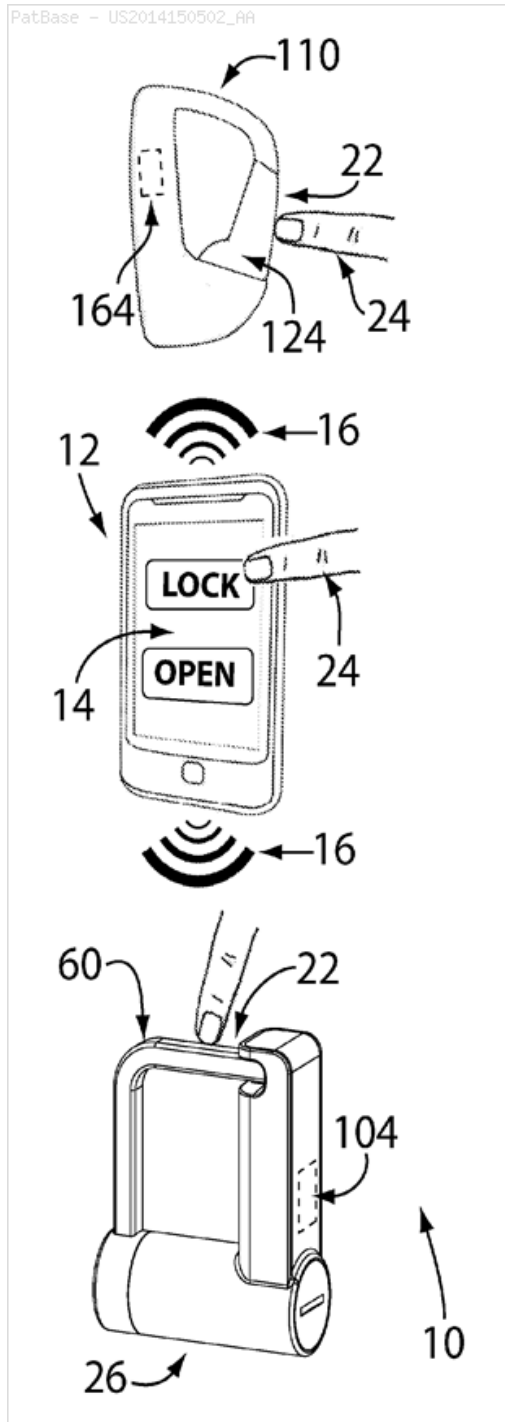
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Title: WIRELESS PORTABLE LOCK SYSTEM

Abstract: A portable lock includes a wireless signal receiver. The lock may be unlocked by transmitting a wireless unlock signal from a portable device such as a cellular telephone. Various actuation mechanisms which may include a solenoid, motor or memory wire of a type that contracts when energized are provided in example embodiments. Self-locking embodiments are readily operated with one hand.

Classifications:

International (IPC 8-9): E05B47/00 E05B47/06 E05B67/10 E05B67/14 G07C9/00 (Advanced/Invention)
CPC: G07C9/00309 E05B67/14 G07C9/00944 G07C9/00563 E05B47/0004 E05B47/0012 E05B67/10 E05B2047/0058 E05B2047/0094 E05B2047/0095 G07C2009/00634 Y10T70/7102 Y10T70/413
US: 70/20

**Family:**

Publication number	Publication date	Application number	Application date
US2014150502 AA	20140605	US20130093357	20131129
US9679429 BB	20170613	US20130093357	20131129

Priority:

US20120732499P 20121203 US20130863292P 20130807 US20130093357 20131129

Probable Assignee: 13876 YUKON INC

Assignee(s): (std): 13876 YUKON INC

Inventor(s): (std): DUNCAN GORDON ANDREW ; STONE ALEXANDER JOHN ; FELDMAN ALEXANDER JEFFREY

Agent(s): OYEN WIGGS GREEN AND MUTALA LLP

26) Family number: 49242041 (US2011168724A)

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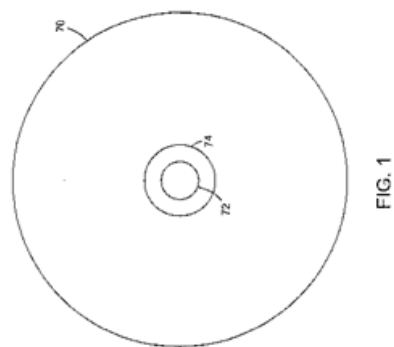
Title: SECURITY DEVICE FOR STORAGE TANKS

Abstract: A security device protects the vulnerable portions or accessories of a bulk storage tank or container against unauthorized access. The device includes a housing that covers the vulnerable portions of the tank, the housing having two or more lockable doors that selectively permit access to the tank or container via two or more respective apertures. A first door is openable after unlocking a readily-accessible lock, while the second movable door is openable after an elongate lock member that is positioned internally within the housing is moved to an unlocking position. The elongate lock member can be moved to its unlocking position after the first door is opened. Certain tank operations, such as dispensing fuel, may be carried out after unlocking and opening a single door, while other operations, such as refilling the tank, may be accomplished

Publication number	Publication date	Application number	Application date
CA2786000 AA	20110714	CA20112786000	20110103
MX2012007801 A1	20121003	MX20120007801	20110103
US2011168724 AA	20110714	US20110983524	20110103
US8413851 BB	20130409	US20110983524	20110103
WO11084921 A2	20110714	WO2011US20039	20110103
WO11084921 A3	20111103	WO2011US20039	20110103

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 TH TI TR TT TZ UA UG US UZ VC VN ZA ZM ZW

S11B33/04D
US: 206/1.5 206/307 206/308.1 206/308.100S 206/308.2
 206/308.200P 206/31 206/310 206/310S 206/387.11 206/472 70/276
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**Family:**

Publication number	Publication date	Application number	Application date
AT353390 E	20070215	AT20010076326T	20010730
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AU2005100430 AE	20050609	AU20050100430	20050523
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DE60126517 T2	20071122	DE20016026517T	20010730
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EP1441093 A3	20040825	EP20040076326	20010730
EP1441093 B1	20070207	EP20040076326	20010730
EP1780356 A1	20070502	EP20060077212	20010730
ES2282791 T3	20071016	ES20040076326T	20010730
US2002023853 AA	20020228	US20010858457	20010516
US2003111367 AA	20030619	US20020186165	20020627
US2004173477 AA	20040909	US20040796332	20040308
US2004182119 AA	20040923	US20040775259	20040209
US2004187530 AA	20040930	US20040817713	20040401
US2005098453 AA	20050512	US20030403873	20030328
US2006042330 AA	20060302	US20050214656	20050829
US6561347 BA	20030513	US20000696614	20001025
US7257971 BB	20070821	US20010858457	20010516
US7260962 BB	20070828	US20040796332	20040308
WO0242587 A2	20020530	WO2001US23856	20010730
WO0242587 A3	20020808	WO2001US23856	20010730

Priority:

US19990163192P 19991102	US20000221953P 20000731	US20000696614 20001025
US20010279906P 20010329	US20010858457 20010516	US20010301318P 20010627
AU20010280888 20010730	EP20010959320 20010730	EP20040076326 20010730
WO2001US23856 20010730	US20020186165 20020627	US20030456996P 20030321
US20030458028P 20030326	US20030403873 20030328	US20030460830P 20030404
US20030505496P 20030924	US20030530529P 20031217	US20040775259 20040209
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AU20050201709 20050422	AU20050100430 20050523	US20050214656 20050829

Probable Assignee: AUTRONIC PLASTICS INC**Assignee(s):** (std): AUTRONIC PLASTICS INC ; AUTRONICS PLASTICS INC**Assignee(s):** KEUNING TIMOTHY J ; LAX MICHAEL ; LIBOHOVA AGJAH I**Inventor(s):** (std): LAX MICHAEL R ; LIBOHOVA AGJAH I ; LAX MICHAEL ; AGJAH I LIBOHOVA ; MICHAEL LAX ; KEUNING TIMOTHY J**Inventor(s):** LIBOHOVA AGJAH

Agent(s): CULLENS PATENT AND TRADE MARK ATTORNEYS; CULLENS PTY LTD; SPRUSON AND FERGUSON; SMART AND BIGGAR; DOROTHY JENKINS, OSTROLENK FABER GERB AND SOFFEN LLP; DOROTHY JENKINS OSTROLENK FABER GERB AND SOFFEN LLP; FISH AND NEAVE IP GROUP, ROPES AND GRAY LLP; FISH AND NEAVE IP GROUP ROPES AND GRAY LLP; PAUL E; FISH AND NEAVE IP GROUP OF ROPES AND GRAY LLP

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 NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

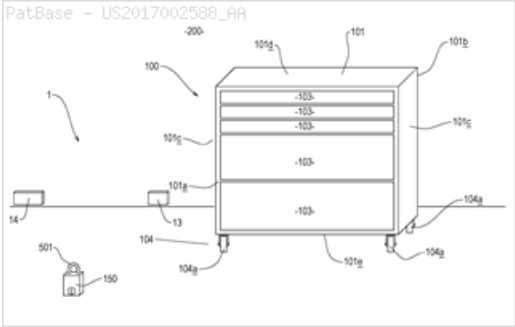
28) Family number: 56479046 (US2017002588A) © PatBase

Title: A LOCK FOR SECURING A TOOLBOX TO A SUPPORT STRUCTURE

Abstract: A lock for securing a toolbox (100) to a support structure (200), the lock comprising: a first lock portion (13) configured to receive a first part (11, 12) of the toolbox or a first attachment of the toolbox; and a second lock portion (14) configured to engage a second part (11, 12) of the toolbox or a second attachment of the toolbox, the second lock portion (14) being lockable to inhibit or substantially prevent disengagement of the second part or second attachment, wherein: the second lock portion is remote from the first lock portion, the first and second lock portions are securable with respect to a support structure, and the first lock portion is configured to guide movement of the second part of the toolbox or the second attachment of the toolbox into engagement with the second lock portion.

Classifications:

International (IPC 8-9): B25H3/02 E05B67/38
E05B73/00 (Advanced/Invention);
B25H3/02 E05B65/52 (Advanced/Non-invention)
CPC: E05B73/00 E05B65/52 E05B2063/0039 E05B67/38
E05B2067/386 B25H3/02
US: 70/51



Family:

Publication number	Publication date	Application number	Application date
EP3116690 A1	20170118	EP20150711811	20150312
GB201404515 A0	20140430	GB20140004515	20140313
GB2524069 A1	20150916	GB20140004515	20140313
US2017002588 AA	20170105	US20150125636	20150312
WO15136289 A1	20150917	WO2015GB50721	20150312

Priority:

GB20140004515 20140313 WO2015GB50721 20150312

Probable Assignee: INT TOOL CO LTD

Assignee(s): (std): INT TOOL CO LTD

Inventor(s): (std): CHAPMAN DAVID

Inventor(s): DAVID CHAPMAN

Agent(s): SESSFORD RUSSELL; FORRESTERS

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

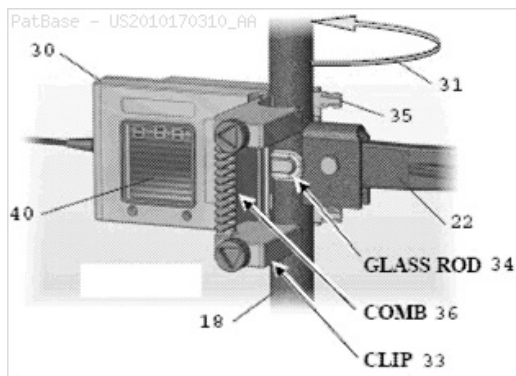
29) Family number: 45946047 (US2010170310A) © PatBase

Title: SECURITY MONITOR FOR DOORS

Abstract: A method and apparatus for monitoring the security of closures of the type used on large trucks, and shipping or other containers wherein one or more doors are provided on an end and/or the sides of the container and are secured by vertical rods having cam-like latches at their ends that are rotatable from a first disposition in which they engage keepers to lock the doors in a closed position, and a second disposition in which they disengage the keepers to unlock the doors and allow them to swing into an open position. More specifically, the present invention relates to a monitoring assembly that attaches between the locking rod handles of the containers, senses any movement of the locking handles or the opening of the doors, and provides visual signals and/or transmitted signals as an indication of tampering.

Classifications:

International (IPC 8-9): E05B29/02 E05B65/00 E05F11/00
G08B13/00 G08B13/08 (Advanced/Invention);
E05B65/00 G08B13/00 (Core/Invention)
CPC: Y10T70/5155 Y10T292/51 G08B13/06 E05B39/025 E05B83/10
European: E05B39/02G E05B83/10 G08B13/06
US: 160/188 292/327 340/545.1 340/545.100S 340/545.2 340/545.6 340/545.7 70/91 70/91P



Family:

Publication number	Publication date	Application number	Application date
US2010170310 AA	20100708	US20090647334	20091224
US8446278 BB	20130521	US20090647334	20091224

Priority:

US20080140815P 20081224 US20080140820P 20081224 US20090647334 20091224

Probable Assignee: INNOVATIVE LABS LLC

Assignee(s): (std): INNOVATIVE LABS LLC ; IVASHIN VICTOR S ; WEBLEY JOHN W

Inventor(s): (std): WEBLEY JOHN W ; IVASHIN VICTOR S

Agent(s): IPXLAW GROUP LLP; CLAUDE A S

30) Family number: 57488049 (US2014297487A)

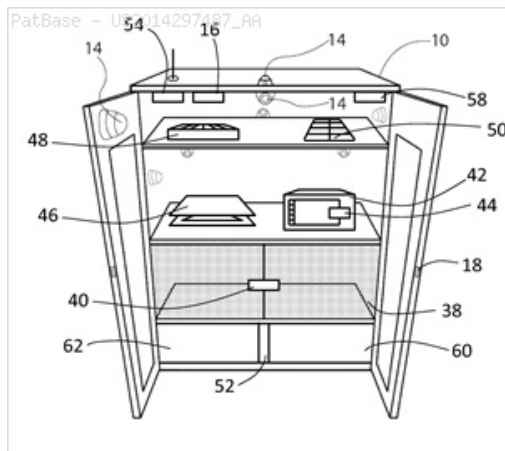
© PatBase

Title: STORAGE CONTAINER WITH INVENTORY CONTROL

Abstract: Systems and methods of the invention relate to managing an inventory of items within a storage container. A storage container can house one or more items for distribution among one or more users such as, for instance, employees. The storage container discussed herein provides authentication of a user, tracking of the inventory each user removes or returns, video/image capture of user during access of the storage container, wireless tracking of items housed within the storage container, among others.

Classifications:

International (IPC 8-9): A47B57/04 A47B57/06 A47B57/16 A47B81/00 A47B96/02 A47F10/00 A47F10/02 A47F3/00 A47F3/02 A47F3/06 B65D50/00 E05B39/00 E05B41/00 E05B47/00 E05B65/00 E05B65/06 E05B65/44 E05B65/46 F16B1/00 G06F3/14 G06K9/00 G06Q10/00 G06Q10/08 G07C9/00 H04N5/247 H04N7/18 (Advanced/Invention); E05B65/462 G11B33/08 (Advanced/Non-invention)
CPC: A47B81/00 A47F10/00 E05B65/0075 H04N7/181 H04N5/247 G06K9/00771 A47F10/02 A47B96/02 E05B65/46 G06K9/00892 G06F3/14 A47B57/04 A47B57/06 F16B1/00 G07C9/00126 A47F2010/025 F16B2001/0035 G07C9/00174 A47F3/06 A47F3/02 A47B57/16 A47F3/002 E05B65/06 E05B47/0001 E05B39/00 E05B41/00 E05B2047/0067 E05B2047/0072 B65D2211/00 E05B65/462 G11B33/08 B65D50/00 G06Q10/087 G07C9/00896
US: 1/1 235/385 312/237 348/156 348/159 705/28



Family:

Publication number	Publication date	Application number	Application date
US2014297487 AA	20141002	US20130036012	20130925
US2015254603 AA	20150910	US20150699695	20150429
US2015326795 AA	20151112	US20150793203	20150707
US2016240025 AA	20160818	US20160137056	20160425
US2017249591 AA	20170831	US20170596710	20170516
US2018108195 AA	20180419	US20170843368	20171215
US2018309935 AA	20181025	US20180024060	20180629
US9098825 BB	20150804	US20130036012	20130925
US9349113 BB	20160524	US20150699695	20150429
US9886806 BB	20180206	US20160137056	20160425
US10038857 BB	20180731	US20150793203	20150707
US10068201 BB	20180904	US20170596710	20170516

Priority:

US20130805350P 20130326 US20130036012 20130925 US20150699695 20150429
US20150793203 20150707 US20160137056 20160425 US20170596710 20170516
US20170843368 20171215 US20180024060 20180629

Probable Assignee: 3 STRIKE LLC

Assignee(s): (std): 3 STRIKE LLC ; BASHKIN LEONARD M ; STRIKE LLC ; STRIKE LLC 3

Assignee(s): BASHKIN LEONARD

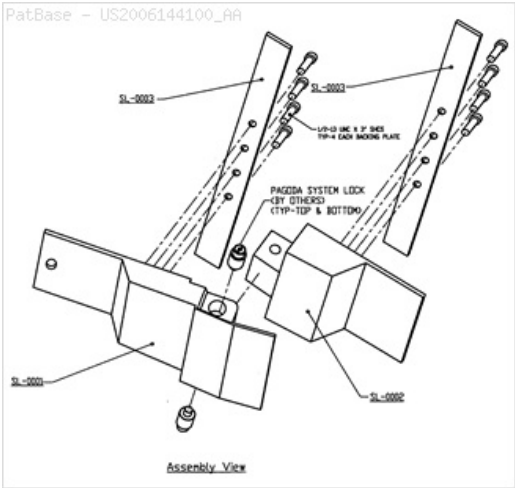
Inventor(s): (std): BASHKIN LEONARD M

31) Family number: 33100051 (US2006144100A) PatBase

Title: SLIKLOC SECURITY SYSTEM

Abstract: The SLIKLOC Security System Permanent Locking Hasp has the highest level of anti-theft and anti-tampering design that virtually eliminates opening with a thief's tools of the trade-hacksaws, bolt cutters, large hammers, and pry bars. Most marine and railroad intermodal containers are unsecured or have limited security. Adding the SLIKLOC Security System to these modes of transportation would limit theft and decrease the chance of terrorists using these modes of transportation to damage our homeland.

Classifications:
International (IPC 8-9): E05B65/00 E05B67/38 (Advanced/Invention); E05B65/00 E05B67/00 (Core/Invention)
CPC: Y10T70/498 E05B83/12 Y10T70/30 E05B67/38
European: E05B83/12
US: 70/2 70/2P 70/56 70/56P



Family:

Publication number	Publication date	Application number	Application date
US2006144100 AA	20060706	US20050029089	20050104
US2007062227 AA	20070322	US20060601288	20061117

Priority:

US20050029089 20050104 US20060601288 20061117

Probable Assignee: THOMSEN VERNE E

Assignee(s): (std): THOMSEN VERNE E

Inventor(s): (std): THOMSEN VERNE E

Inventor(s): THOMSEN VERNE

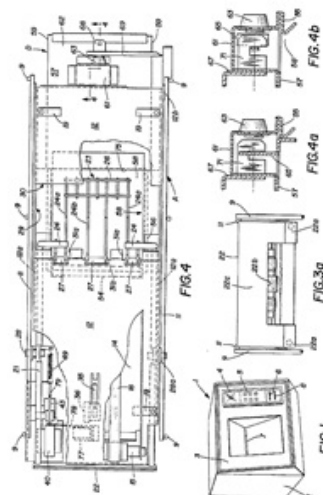
Agent(s): VERNE E THOMSEN; LAW OFFICES OF ADAM H JACOBS PATENT ATTORNEY

32) Family number: 30155051 (NL9401115A) PatBase

Title: Deposit apparatus with sealed deposit container installed at a distance from the bank

Abstract: The invention relates to an automatic bank deposit apparatus situated at a distance (remote) from a bank and comprising a housing with an insertion slot, a belt conveyor arrangement with a feed end and a take-off end, said conveyor arrangement being provided with a table consisting of a flat plate, a pressure plate, an endless belt means which is wound around a pair of belt conveyor rollers located at a distance from one another, and wherein one part of the belt means extends along, and can be moved between the table and the pressure plate, said conveyor rollers being provided with drive means for at least one of said conveyor rollers, and a discharge opening in the table adjoining the belt means. According to the invention, a closure means is fitted which is mounted hingedly between its ends on the conveyor arrangement and which is provided with an insertion-blocking plate and a port-blocking plate and can be moved between a normally closed and a normally open position, said insertion-blocking plate being situated in the space between the feed end of the conveyor arrangement and the insertion slot, if the closure means is in the closed position, and which port-blocking plate is situated above the table and above the table discharge opening, if the closure means is in the normally closed position.

Classifications:
International (IPC 8-9): G07D11/00 (Advanced/Invention); E05G7/00 (Advanced/Non-invention); G07D11/00 (Core/Invention); E05G7/00 (Core/Non-invention)
International (IPC 1-7): B65H29/18 E05G1/2 E05G7/00 G07F19/0 G07F7/10 G07G1/0 G07G1/00
CPC: E05G7/001 G07D11/0096
European: G07D11/00M4 P05G7/00B



9401115

Family:

Publication number	Publication date	Application number	Application date
NL191094 B	19940816	NL19810003014	19810623
NL191094 C	19950116	NL19810003014	19810623
NL193154 B	19980803	NL19940001116	19940704
NL193154 C	19981204	NL19940001116	19940704
NL8103014 A	19830117	NL19810003014	19810623
NL9401115 A	19941101	NL19940001115	19940704
NL9401116 A	19941101	NL19940001116	19940704

Priority:

NL19810003014 19810623 NL19940001115 19940704 NL19940001116 19940704

Probable Assignee: DIEBOLD INC**Assignee(s):** (std): DIEBOLD INC ; DIEBOLD INC TE CANTON OHIO VER ST V AM**Assignee(s):** DIEBOLD INC TE CANTON OHIO VERSTVAM**Inventor(s):** (std): GRAEF HARRY THOMAS ; HARRY THOMAS GRAEF ; JEFFREY ALLEN HILL**33) Family number: 8608055 (US5615625A)**

© PatBase

Title: SYSTEM FOR THE SECURE TRANSPORTATION OF ARTICLES

Abstract: A system for the secure transportation of articles such as cheques and bank notes comprises first and second docking stations at different locations, and a secure container which mates with the docking stations. The container has a number of lockable doors into which bank notes are fed by a feeder mechanism at the first docking station. The container has its own microcontroller which monitors the status of the doors and the integrity of the container, and which can respond to external control signals while it is in transit. Once the container has been loaded at one docking station, it is transported to the second docking station at a different location, where it can be unloaded. A one-time code is generated each time the container is loaded, and must be communicated to the second docking station before the container can be unloaded. Any attempt to tamper with the container while it is in transit results in the activation of a dye dispenser, which marks the contents of the container.

Classifications:

International (IPC 8-9): B65D55/02 B65D81/00 E05G1/00 E05G1/02 E05G1/14 G07D11/00 G07F9/06 (Advanced/Invention); B65D55/02 E05G1/14 (Advanced/Non-invention); B65D55/02 B65D81/00 E05G1/00 G07D11/00 G07F9/06 (Core/Invention)

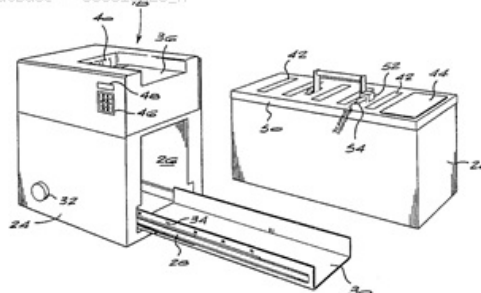
International (IPC 1-7): B65D55/02 B65D81/00 E05G1/00 E05G1/02 G07D11/00 G07F9/06

CPC: Y10S194/901 E05G1/005 E05D2007/0446 E05G1/14 E05Y2600/61 E05Y2600/62 E05Y2800/29 E05Y2900/60 G07D11/12

European: E05G1/00C G07D11/00D2 G07F9/06 P05D7/04D6

P05G1/14 P05Y600/61 P05Y600/62 P05Y800/29 P05Y900/600

US: 109/24.1 109/45 109/47 194/202 194/901 221/154 232/15 340/5.73 340/825.31

**Family:**

Publication number	Publication date	Application number	Application date
AT181136 E	19990615	AT19940305220T	19940715
AU199467525 A1	19960201	AU19940067525	19940718
AU682037 B2	19970918	AU19940067525	19940718
CA2128271 AA	19960119	CA19942128271	19940718
CA2128271 C	19990810	CA19942128271	19940718
DE69419016 D1	19990715	DE19946019016	19940715

DE69419016 T2	19991021	DE19946019016T	19940715
DK0692599 T3	19991227	DK19940305220T	19940715
EP0692599 A1	19960117	EP19940305220	19940715
EP0692599 B1	19990609	EP19940305220	19940715
ES2132345 T3	19990816	ES19940305220T	19940715
GR3030937 T3	19991130	GR19990402018T	19990810
US5615625 A	19970401	US19940276913	19940719
ZA9404849 A	19950320	ZA19940004849	19940705

Priority:

ZA19930002446 19930405 EP19940305220 19940715 AU19940067525 19940718
CA19942128271 19940718 US19940276913 19940719

Probable Assignee: FIRST NATIONAL BANK OF SOUTHERN AFRICA LTD

Assignee(s): (std): FIRST NATIONAL BANK OF SOUTHERN

Assignee(s): FIRST NATIONAL BANK OF SOUTHERN AFRICA LIMITED ; FIRST NATIONAL BANK OF SOUTHERN AFRICA LTD ; FIRSTSTRAND BANK LTD ; FIRST NATIONAL BANK OF SOUTHERN AFRICA LTD JOHANNESBURG TRANSVAAL ZA ; FIRST NATIONAL BANK OF SOUTHERN AFRICA LTD JOHANNESBURG ; NETSHISAULU KHATHUTSHELO SETH ; LUBASHEVSKY AHARON ; CASSIDY GERALD ANTHONY

Inventor(s): (std): CASSIDY GERALD ANTHONY ; LUBASHEVSKY AHARON ; NETSHISAULU KHATHUTSHELO SETH ; CASSIDY GERALD A ; NETSHISAULU KHATHUTSHELO S ; NETHISAULU KHATHUTSHELO SETH ; NETSHISAULU KHATHUTSHELO ; LUBASHEVSKY AHARON C O RELATED

Inventor(s): GERALD ANTHONY CASSIDY ; AHARON LUBASHEVSKY ; KHATHUTSHELO SETH NETSHISAULU ; KHATHUTSHELO SETH NETHISAULU ; NETSHISAULU KHATHUTSHELO SETH NOORDWYK TRANSVAAL Z ; CASSIDY GERALD ANTHONY RIVONIA TRANSVAAL ZA ; LUBASHEVSKY AHARON TD ; LUBASHEVSKY AHARON C O RELATED SYSTEMS PTY LTD ; NETSHISAULU KHATHUTSHELO SETH NOORDWYK ; NETSHISAULU KHATHUTSHELO SETH NOORDWYK TRANSVAAL ZA

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; RIDOUT AND MAYBEE LLP

Designated states: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

34) Family number: 10311056 (US6616107B)

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Title: CLAMP, CLAMPING MEANS, AND METHOD OF CLAMPING

Abstract: A clamp, clamping means incorporating the clamp, and a method of clamping are disclosed. The clamp includes means for clamping a securing tie therein, together with means for attachment to a surface, and, in combination with a securing tie, provides a clamping means suitable for clamping objects to a fixed point.

Classifications:

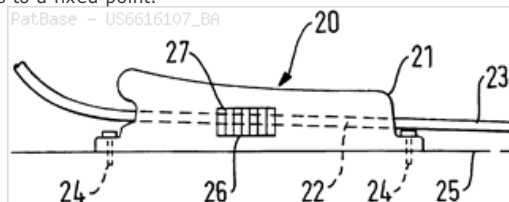
International (IPC 8-9): E05B75/00 (Advanced/Invention);
E05B75/00 (Core/Invention);
F16B (Subclass/Invention)

International (IPC 1-7): E05B75/00 F16B F16L3/22

CPC: Y10T70/404 E05B75/00

European: E05B75/00

US: 248/68.1 248/681 248/74.3 248/743 70/16



Family:

Publication number	Publication date	Application number	Application date
AU199722990 A1	19971029	AU19970022990	19970327
DE69729445 D1	20040715	DE19976029445	19970327
EP0891464 A1	19990120	EP19970915554	19970327
EP0891464 B1	20040609	EP19970915554	19970327
GB9607027 A0	19960605	GB19960007027	19960403
GB9622033 A0	19961218	GB19960022033	19961024
US6616107 BA	20030909	US19990155385	19990112
WO9738194 A1	19971016	WO1997GB00896	19970327
ZA9702747 A	19981001	ZA19970002747	19970401

Priority:

GB19960007027 19960403 GB19960022033 19961024 WO1997GB00896 19970327

Probable Assignee: HARGREAVES KARL M

Assignee(s): (std): HARGREAVES KARL M ; HARGREAVES KARL MICHAEL ; KARMILOK LIMITED ; KARMILOK LTD

Assignee(s): KARMILOK LTD CALNE ; KARL MICHAEL HARGREAVES

Inventor(s): (std): HARGREAVES KARL MICHAEL

Inventor(s): KARL MICHAEL HARGREAVES

Designated states: AL AM AT AU AZ BA BB BE BF BG BR BY CA CH CN CU CZ DE DK EE ES FI FR GB GE GH GR HU IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG US UZ VN YU

35) Family number: 60913060 (US2001050615A)

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Title: LOCKING MECHANISM FOR USE WITH NON-PERMANENT ACCESS CODE

Abstract: A request for an access code for a locking mechanism is received; and a non-permanent use access code for the locking mechanism is subsequently issued. The non-permanent use access code may be issued from a list of currently available access codes for the locking mechanism in response to a request therefor, for example by a merchant or delivery service. Such a code may be issued by a server, which server is further responsible for updating the list of available access codes in response to an indication that a code has been used or has otherwise expired. Such a code may also be issued by a locking mechanism controller. The list of currently available access codes is preferably a subset of all access codes for the locking mechanism, which codes may be generated using a cryptographically strong random number generator.

Classifications:**International (IPC 8-9):** A47G29/00 A47G29/14 A47G29/20

E05B47/00 E05B49/00 G06Q50/00 G07C9/00

G07F7/10 (Advanced/Invention);

A47G29/00 G07C9/00 G07F7/10 (Core/Invention)

International (IPC 1-7): A47G29/00 A47G29/14 A47G29/20

E05B49/00 G05B19/00 G06F17/60 G06F7/04 G08B13/14

CPC: A47G2029/149 G07C9/00166 A47G29/141 G07C9/00015

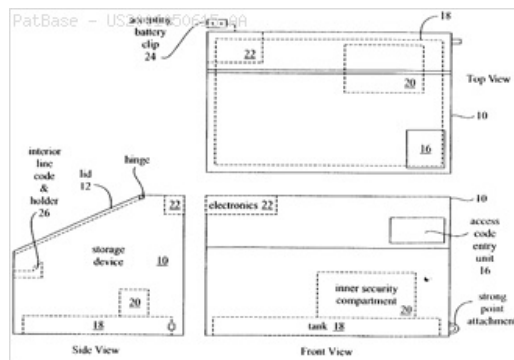
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European: A47G29/14E G07C9/00B2 G07C9/00B4 G07C9/00C4

G07F7/10

US: 235/382.5 340/5.2 340/5.21 340/54 340/540 340/542 340/543

340/545.6 340/568.1 713/182

**Family:**

Publication number	Publication date	Application number	Application date
AU2001259802 AA	20011107	AU20010259802	20010423
AU2001259802 BB	20061012	AU20010259802	20010423
AU200159802 A1	20011107	AU20010059802	20010423
AU200159802 A5	20011107	AU20010059802	20010423
CA2376105 AA	20011101	CA20012376105	20010423
EP1276407 A2	20030122	EP20010933369	20010423
JP2004514074 T2	20040513	JP20010577801T	20010423
MXPA02010121 A1	20040910	MX2002PA10121	20010423
US2001050615 AA	20011213	US20010931849	20010816
US2002067261 AA	20020606	US20010917499	20010727
US6300873 BA	20011009	US20000557076	20000421
US6570488 BB	20030527	US20010917499	20010727
US6696918 BB	20040224	US20010931849	20010816
WO0180695 A2	20011101	WO2001US40588	20010423
WO0180695 A3	20020627	WO2001US40588	20010423

Priority:

US19990154294P 19990916

US20010917499 20010727

US20000557076 20000421

US20010931849 20010816

WO2001US40588 20010423

Probable Assignee: GULA CONSULTING LIABILITY CO LTD**Assignee(s):** (std): ATLANTES SERVICES INC ; SEECOM SERVICES INC ; VISTANT CORP**Assignee(s):** VISTANT CORPORATION ; @LANTESCOM SERVICES INC ; GULA CONSULTING LIABILITY CO LTD ; LANTESCOM SERVICES INC ; INTELLECTUAL VENTURES ASSETS 116 LLC ; LF CAPITAL PARTNERS LLC ; SMART LOCKING TECHNOLOGIES LLC ; BROWN SUZY ; CAMBERLANE CONSULTING LLC ; KUCHARCZYK DAVID ; COMERICA BANK**Inventor(s):** (std): BROWN SUZY ; KUCHARCZYK DAVID**Inventor(s):** SUZY BROWN ; DAVID KUCHARCZYK**Agent(s):** DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; RICHES MCKENZIE AND HERBERT LLP**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 EE ES FI FR GA GB GD GE GH GM GN 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 NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW**36) Family number: 16986062** (DE29820094U1)

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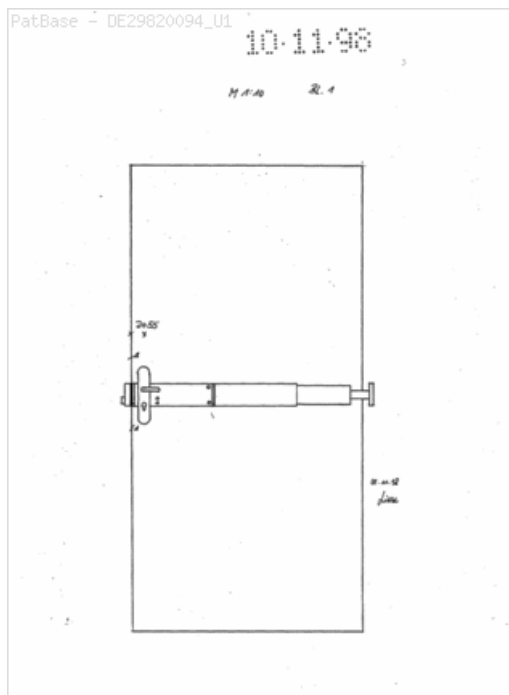
Title: Screwing on transverse latch plate for section cylinder devices**Abstract:** Source: DE29820094U1 [DE] (Claim 1) 1 8. Q R2 nach Anspruch 1 bis 17, dadurch gekennzeichnet, dass das Fallen + Wechselsystem aus Stahl ist, wobei die Wechselfalle (Bl.4/3f) aus Messing ist.**Machine translation:** (Claim 1) 1 8 Q R2 according to claim 1 to 17, characterized in that the traps exchange system is made of steel, with the change event (Bl.4/3f) is made of brass.**Classifications:****International (IPC 8-9):** E05C19/00 (Advanced/Invention);

E05C17/16 (Advanced/Non-invention);

E05C19/00 (Core/Invention);

E05C17/00 (Core/Non-invention)

International (IPC 1-7): E05B15/10 E05B63/00 E05B9/02**CPC:** E05C17/166 E05C19/003**European:** E05C19/00C P05C17/16S



Family:

Publication number	Publication date	Application number	Application date
DE29820094 U1	19990512	DE19982020094U	19981110

Priority:

DE19982020094U 19981110

Probable Assignee:

LIEBL PATRICK

Assignee(s): (std):

LIEBL PATRICK

Assignee(s):

LIEBL PATRICK 80796 MUENCHEN DE

37) Family number: 31777066 (US2007089467A)

© PatBase

Title: SECURITY MEANS

Abstract: A method of bracing a security container relative to the structural features of a building in a substantially tamper-proof manner wherein said security container including at least one container means (2) having an interior (3) for storing valuables therein, said container means (2) having at least one opening (7) thereinto, a closure means (8) covering said at least one opening (7) into the container means (2), and locking means (16) to secure the closure means (8) over the opening (7), said security container being configured to be fitted into a recess within a surface and the security container further including retention means, said retention means including bracing means (30 a), said bracing means (30 a) characterized by effecting a brace relative to one or more permanent structural features associated with the surface to impede forced removal of the security container from said recess.

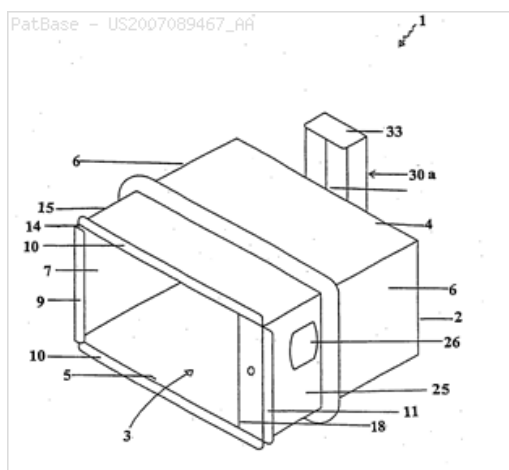
Classifications:

International (IPC 8-9): A47G A47G29/10 A47G29/14 B22D11/12 B60R25/00 B65D88/12 E05B17/00 E05B19/00 E05B65/00 E05B65/14 E05B65/48 E05B65/52 E05B67/00 E05B67/10 E05B67/38 E05G E05G1/00 E05G1/02 E05G7/00 G07C9/00 (Advanced/Invention); E05B13/00 E05B65/16 (Advanced/Non-invention); A47G29/00 B22D11/12 B60R25/00 B65D88/00 E05B17/00 E05B19/00 E05B65/00 E05B65/12 E05B67/00 E05G1/00 E05G7/00 G07C9/00 (Core/Invention); E05B13/00 (Core/Non-invention); A47G E05G (Subclass/Invention)

International (IPC 1-7): A47G29/14 E05G1/00 E05G1/02 E05G7/00

CPC: Y10T29/49988 B60R25/093 A47G29/10 E05B13/002 E05B19/0005 E05B67/38 E05B67/383 E05B83/02 E05B83/10 E05G1/02 G07C9/00142 G07C9/0069 G07C9/00896 G07C2009/0092 Y10T70/498 Y10T70/5031 Y10T70/80

European: A47G29/10 B60R25/09B E05B19/00B E05B67/38 E05B83/02 E05G1/02 G07C9/00C2B P05B13/00C P05B67/38B P05B83/10 S07C9/00E12C4 S07C9/00E20 S07C9/00E20D
US: 29/527.5 29/527.500S 70/431 70/431S 70/56 70/56P 70/63 70/63P



Family:

Publication number	Publication date	Application number	Application date
AU2004273763 AA	20050331	AU20040273763	20040920
AU2004273763 BB	20100520	AU20040273763	20040920
AU2010200931 AA	20100408	AU20100200931	20100311
CA2539653 AA	20060320	CA20042539653	20040920
CN101647670 A	20100217	CN200910166627	20040920
CN1882271 A	20061220	CN200480034091	20040920
EP1662949 A1	20060607	EP20040775151	20040920
EP1662949 A4	20100106	EP20040775151	20040920

HK1084308 A1	20060728	HK20060106656	20060609
HK1084308 A3	20060728	HK20060106656	20060609
IN00314MN2006 A	20070629	IN2006MN00314	20060317
IN235107 B	20090710	IN2006MN00314	20060317
NZ528386 A	20090228	NZ20030528386	20030919
NZ565033 A	20090925	NZ20040565033	20040920
NZ565034 A	20090925	NZ20040565034	20040920
NZ565035 A	20090925	NZ20040565035	20040920
US2007089467 AA	20070426	US20040572463	20040920
US2010037665 AA	20100218	US20090604956	20091023
WO05027700 A1	20050331	WO2004NZ00226	20040920
ZA200602821 A	20081126	ZA20060002821	20060406
ZA200800949 A	20080925	ZA20080000949	20060406
ZA200800951 A	20090930	ZA20080000951	20060406
ZA200800952 A	20090527	ZA20080000952	20060406
ZA200800953 A	20080925	ZA20080000953	20060406

Priority:

NZ20030528386	20030919	NZ20030528433	20030924	NZ20030530363	20031223
NZ20040534005	20040708	NZ20040534006	20040708	AU20040273763	20040920
NZ20040535493	20040920	NZ20040565033	20040920	NZ20040565034	20040920
NZ20040565035	20040920	NZ20040535494	20040920	NZ20040535495	20040920
WO2004NZ00226	20040920	NZ20040535492	20041220	US20060572463	20060901
US20090604956	20091023	AU20100200931	20100311		

Probable Assignee: WAYNE ACE KIRKER

Assignee(s): (std): ACE KIRKER ; ACE KIRKER WAYNE L ; ACE KIRKER WAYNE LIONEL ; ACE KIRKER WAYNE LIONEL NZ ; LIONEL ACE KIRKER WAYNE ; LIONEL WAYNE ; WAYNE ACE KIRKER ; WAYNE LIONEL ACE KIRKER

Assignee(s): WAYNE LIONEL

Inventor(s): (std): ACE KIRKER ; ACE KIRKER WAYNE L ; ACE KIRKER WAYNE LIONEL ; LIONEL ACE KIRKER WAYNE ; LIONEL WAYNE

Inventor(s): WAYNE LIONEL ; WAYNE LIONEL ACE KIRKER ; ACE KIRKER WAYNE

Agent(s): MIDDLETONS; K AND L GATES; BATTISON WILLIAMS DUPUIS; JOHNSON STOKES AND MASTER; YOUNG AND THOMPSON

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 KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

38) Family number: 6471067 (DE3633521A1)

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Title: Sluice for containers

Abstract: In a sluice for containers, with a chamber-shaped interior which can be closed by two pivotably mounted door elements, of which one door element is positively locked when the second door element is opened, for the purpose of detaining each door element in the closed state of the latter, at least one respective securing bolt engaging into a detaining recess is provided parallel to the pivot axis of the door element, the said securing bolts being operatively connected to one another and to the closing devices of the door elements to be detained, in such a way that at least one door element can be locked and is detained when both door elements are closed or one is opened, and the detention can be cancelled only by actuating the closing device during the opening of the door element when the second door element is closed.

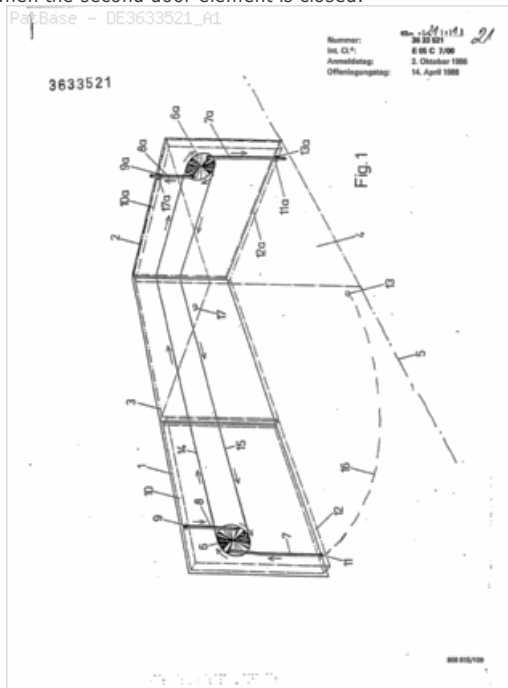
Classifications:

International (IPC 8-9): E05C7/00 (Advanced/Invention); E05C7/00 (Core/Invention)

International (IPC 1-7): E05C1/06 E05C19/00 E05C7/00 E05C9/00 E05G1/04 E05G7/00

CPC: E05C7/002

European: E05C7/00B



Family:

Publication number	Publication date	Application number	Application date
DE3633521 A1	19880414	DE19863633521	19861002

Priority:

DE19863633521 19861002

Probable Assignee: SITEC GMBH SICHERHEITSEINRICHT

Assignee(s): (std): SITEC GMBH SICHERHEITSEINRICHT

Assignee(s): SITEC GMBH SICHERHEITSEINRICHTUNGEN UND TECHNISCHE ; SITEC GMBH SICHERHEITSEINRICHTUNGEN UND TECHNISCHE GERAETE

Inventor(s): (std): CLAUSEN OLAF

39) Family number: 1768069 (EP0025131A1)

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Title: ACTUATING DEVICE FOR A ROTARY BAR FASTENING MECHANISM.

Abstract: 1. Actuating device for a rotary bar lock for doors of goods compartments in lorries, container vehicles and similar transport containers, the lock having a lever (2) which is pivotally mounted to a baseplate (1) and which is held in a closed position by spring loading and which serves to rotate the lock bars (3), a releasable locking element (6) being displaceably mounted on the pivot lever and continuously urged to a locked position by spring loading, in which position the element (6) engages a corresponding element (14) on the baseplate (1), characterized in that both the pivot lever (2) and the locking element (6) are loaded by a single tension spring (2) acting on the baseplate (1) and on the locking element (6) and positioned between the pivot mounting of the lever (2) and the locking element (6).

Classifications:

International (IPC 8-9): E05B13/00 E05B13/10 E05B15/04

E05B65/00 E05C9/08 (Advanced/Invention);

E05B65/16 E05B83/10 (Advanced/Non-invention);

E05B13/00 E05B15/00 E05B65/00 E05C9/00 (Core/Invention);

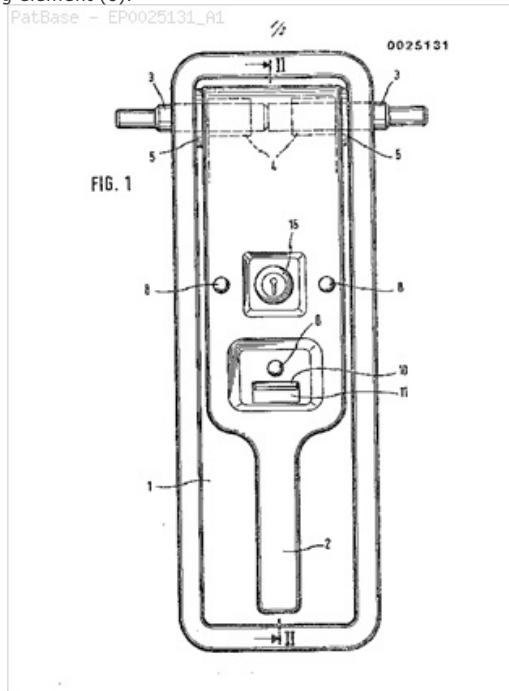
E05B65/12 (Core/Non-invention)

International (IPC 1-7): E05B13/00 E05B15/04 E05B65/00 E05C9/08 E05C9/10

CPC: E05B13/10 E05B15/04 E05B83/10 E05B2015/0417

E05B2015/0486

European: E05B13/10 E05B15/04 P05B15/04A3C P05B15/04S P05B83/10



Family:

Publication number	Publication date	Application number	Application date
AT1394 E	19820815	AT19800104764T	19800812
DE2936529 B1	19800724	DE19792936529	19790910
DE2936529 C2	19810507	DE19792936529	19790910
EP0025131 A1	19810318	EP19800104764	19800812
EP0025131 B1	19820728	EP19800104764	19800812

Priority:

DE19792936529 19790910

EP19800104764 19800812

Probable Assignee: HESTERBERG AND SOEHNE GMBH AND CO

Assignee(s): (std): HESTERBERG AND SOEHNE F ; HESTERBERG AND SOEHNE GMBH AND CO

Assignee(s): F HESTERBERG AND SOEHNE GMBH AND CO 5828 ENNEPETAL DE KG ; F HESTERBERG AND SOEHNE GMBH AND CO 5828 ENNEPETAL KG ; F HESTERBERG AND SOEHNE GMBH AND CO KG 5828 ENNEPETAL ; F HESTERBERG AND SOEHNE GMBH AND CO KG 5828 ENNEPETAL DE ; F HESTERBERG AND SOEHNE GMBH AND CO KG

Inventor(s): (std): BEANTRAGT NICHTNENNUNG ; FEINBIER JOACHIM ; NIELAND FRIEDHELM

Inventor(s): VERZICHT DES ERFINDERS AUF NENNUNG

Designated states: AT BE CH FR GB IT NL SE

40) Family number: 33151070 (DE202005018228U1)

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Title: PADLOCK HAS A LAMINATED STRUCTURE WITH IMPROVED SPRUNG RELEASE CATCHES

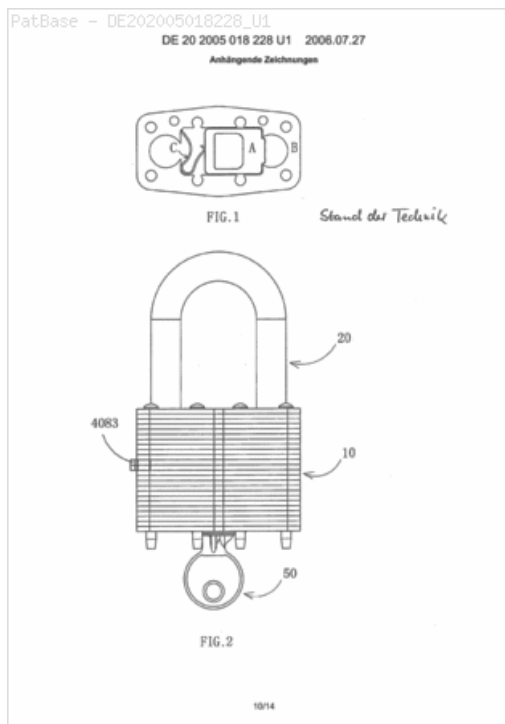
Abstract: A security padlock has a simplified laminated structure into which is set a cylinder lock and spring loaded catches which secure and release the locking arm. The conventional leaf springs are replaced by pairs of coil springs (41) for a simple design with enhanced operating life.

Classifications:

International (IPC 8-9): E05B27/00 E05B67/00 (Advanced/Invention);

E05B27/00 E05B67/00 (Core/Invention)

CPC: E05B67/02 E05B67/24

**Family:**

Publication number	Publication date	Application number	Application date
DE202005018228 U1	20060622	DE200520018228U	20051122

Priority:

DE200520018228U 20051122

Probable Assignee:

PATH LINE NG S HOLDINGS LTD

Assignee(s): (std):

PATH LINE NG S HOLDINGS LTD

Assignee(s):

PATH LINE HOLDINGS LTD

41) Family number: 17716072 (DE29509398U1)

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Title: Verschlussvorrichtung for a key channel at a Tuere or a flap

Abstract: Source: DE29509398U1 [DE] (Claim 1) 1. Verschlussvorrichtung {1} fuer einen Schlueselkanal (2) an einer Tuere (3) oder Klappe eines Wertbehaeltnisses oder eines Tresors, welcher Schlueselkanal oder Fuehrungskanal (2) zu einem mit einem Schlueselbart betaetigbaren Schloss fuehrt, wobei die Verschlussvorrichtung ein in den Schlueselkanal einsteckbares und wieder entnehmbares Verschluss- oder Fuehlstueck aufweist, welches mittels eines in das Innere des Schlueselkanales eingreifenden, insbesondere an seinem innenseitigen W Endbereich oder seiner innenliegenden Stirnseite angeordneten zweiten Schlosses gegen Herausziehen loesbar blockierbar ist, wobei das Fuehlstueck zum lagegerechten Einschieben eine sein Verdrehen verhindernde Fuehrung hat und in eingesteckter Endstellung verdrehbar ist, wobei ein an ihm vorstehender Schlueselbart passgerecht zu dem mit diesem Schlueselbart zu betaetigenden ersten Schloss angeordnet ist, welcher Schlueselbart in Sperrstellung entfernt ist, wobei das Fuehlstueck und der Schlueselbart eine loesbare Kupplung miteinander haben und der Schlueselbart mittels des Fuehlstueckes durch den Schlueselkanal in das Schloss einfuehrbar und zur Betaetigung des Schlosses drehbar ist, dadurch TM gekennzeichnet, dass die Kupplung {10} aus zwei Kupplungsteilen besteht, dass ein erster Kupplungsteil {11} einen seitlich oder beidseitig und endseitig offenen Schlitz (13) aufweist und ein zweiter Kupplungsteil (12) ein zumindest in Drehrichtung formschluessig in den Schlitz (13) passender und darin einsetzbarer Vorsprung (14) ist und dass eine das Loesen 0 der Kupplung (10) in Gebrauchsstellung bei in den Schlitz (13) eingreifen dem Vorsprung (14) verhindernde, offenbare Sperre (15) vorgesehen ist.

Machine translation: (Claim 1) 1 Closure device {1} for one Schlueselkanal (2) on a door (3) or flap of a Wertbehaeltnisses or a vault, which Schlueselkanal or Fuehrungskanal (2) to be actuated with a Schlueselbart Castle executed wobei die closure device into the Schlueselkanal insertable and back removable closure - or Fuehlstueck aufweist, which means one in the interior of the Schlueselkanales engaging, especially at its inner side W end or its inner end arranged the second lock to pull REL blocked, wherein the filler has to position just pushing one sein Verdrehen inhibiting leadership and is rotated in the plugged-in end position, wherein a vorstehender Schlueselbart appropriate justice to him at the arranged this Schlueselbart operated the first lock, removed in locked position welcher Schlueselbart, where have the filler and the Schlueselbart a releasable coupling interaction and the Schlueselbart by means of the filler by the Schlueselkanal the lock einfuehrbar und is rotated to actuate the lock, thereby TM characterized in that the coupling {10} made two clutch part there that a first coupling part {11} one side or both sides and ends it ig open slot (13) aufweist und a second coupling part (12) a form-fitting, at least in the direction of rotation in the slot (13) matching und darin deployable protrusion (14) and that the solve 0 of the couplings g (10) in-use position in the slot (13) intervene fe ndem projection (14) preventing It is obvious barrier (15).

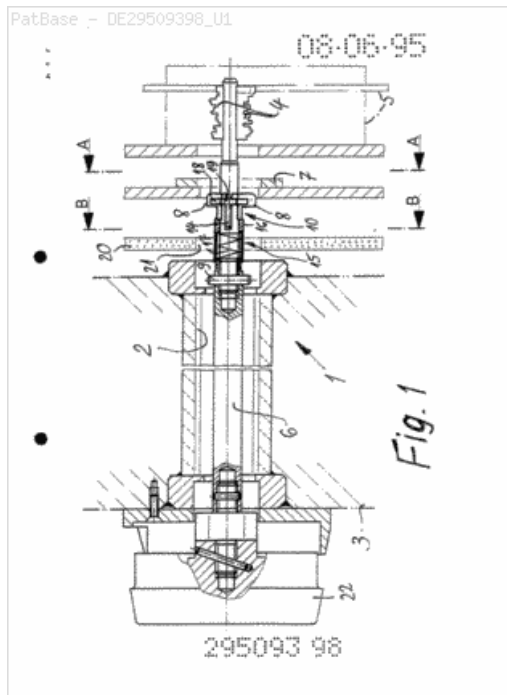
Classifications:**International (IPC 8-9):** E05B17/14 (Advanced/Invention);

E05B19/04 (Advanced/Non-invention);

E05B17/00 (Core/Invention);

E05B19/00 (Core/Non-invention)

International (IPC 1-7): E05B15/08 E05B17/16 E05G1/04**CPC:** E05B17/14 E05B19/04**European:** E05B17/14 P05B19/04

**Family:**

Publication number	Publication date	Application number	Application date
DE29509398 U1	19950928	DE19952009398U	19950608

Priority:

DE19952009398U 19950608

Probable Assignee: KROMER THEODOR GMBH AND CO KG**Assignee(s):** (std): KROMER THEODOR GMBH AND CO KG

Assignee(s): THEODOR KROMER GMBH AND CO KG SPEZIALFABRIK FUER S ; THEODOR KROMER GMBH AND CO KG
 SPEZIALFABRIK FUER SICHERHEITSSCHLOESSER 79224 UMKIRCH DE ; THEODOR KROMER GMBH AND
 CO SPEZIALFABRIK F SICHERHEITSSCHLOESSER 79224 UMKIRCH DE KG

42) Family number: 59006073 (US2007125100A)

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Title: REMOTELY OR LOCALLY ACTUATED REFRIGERATOR LOCK WITH TEMPERATURE AND HUMIDITY DETECTION

Abstract: A remotely or locally actuatable refrigerator door lock has a body portion that is attached to the cabinet and a door portion that is attached to an edge of the door. A latch in the body portion engages a strike plate in the door portion and can be lifted out of engagement to open the refrigerator. The door lock assembly may be connected to a touch-screen device or via a USB or ethernet connection to a remote host computer. The host computer keeps an audit trail of the times and personnel accessing each refrigerator, and a temperature audit trail. The system may be used in hospital for controlling access to pharmaceuticals or may be used in a weight loss program. Temperature and humidity sensors are positioned within the refrigerator cabinet. The door lock may have battery power for portable or mobile applications.

Classifications:

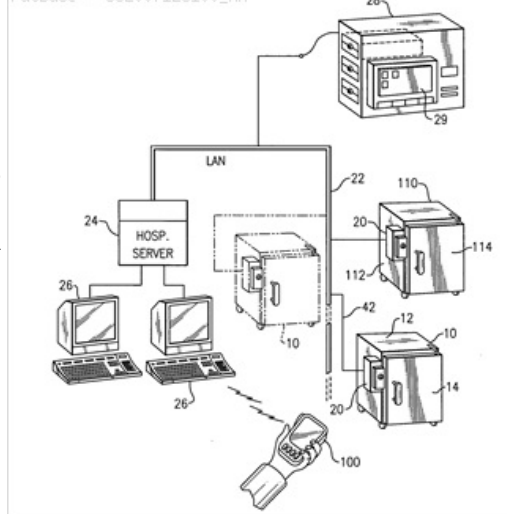
International (IPC 8-9): B60R25/00 B65D27/06 E05B49/02
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 G06F11/00 G06F3/00 G08B13/08 G08B21/00
 G08B21/18 (Advanced/Invention);
 B60R25/00 B65D27/06 E05B49/02 E05B65/06 F25B49/00 G01K1/00
 G01W1/00 G06F11/00 G06F3/00 G08B13/02
 G08B21/00 (Core/Invention)

CPC: G07C2209/63 Y10T70/7051 Y10T70/5199 E05B65/52
 A01K2217/05 E05B47/0012 E05B63/24 E05B2047/0017 F25B2600/07
 F25B2700/02 F25D23/028 F25D29/003 F25D29/006 F25D2400/36
 F25D2700/08 G01K1/022 G01N2333/70596 G07C9/0069
 G07C2009/0092 G07F17/0092 A61B50/10 A61M5/44 A61M2205/3561
 A61M2205/3592 A61M2205/3606 A61M2205/60 E05B47/00
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 G07C9/00896

European: A61B19/02F E05B47/00 E05B47/00A4 E05B63/24
 E05B65/52 F25D23/02E F25D29/00 G01K1/02B G07C9/00E20
 G07F17/00P K01K217/05 K61M205/35R2 K61M205/35T2
 K61M205/36A K61M205/60 K61M5/44 P05B47/00 P05B47/00A5C2
 P05B47/00K3 P05B47/00R P05B65/00M R25B600/07 R25B700/02
 R25D29/00C R25D29/00E R25D400/36 R25D700/02 R25D700/08
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US: 206/1.5 229/300 340/5.1 340/5.2 340/5.7 340/5.73 340/542
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 702/177 702/182 702/187 702/188

PatBase - US2007125100_AA

**Family:**

Publication number	Publication date	Application number	Application date
US2007125100 AA	20070607	US20070653726	20070116
US2007227204 AA	20071004	US20060391986	20060329
US2007227913 AA	20071004	US20070800937	20070508

US2008052044 AA	20080228	US20070926197	20071029
US2009231132 AA	20090917	US20090470541	20090522
US2010300130 AA	20101202	US20100854486	20100811
US7630864 BB	20091208	US20070926197	20071029
US7728711 BB	20100601	US20070653726	20070116
US8063735 BB	20111122	US20090470541	20090522

Priority:

US20060391986 20060329 US20070653726 20070116 US20070800937 20070508
US20070926197 20071029 US20090470541 20090522 US20100854486 20100811

Probable Assignee: S AND S X RAY PRODUCTS INC

Assignee(s): (std): S AND S X RAY PRODUCTS INC ; S AND S X RAY SYSTEMS INC ; S AND S XRAY SYSTEMS INC ; SHOENFELD NORMAN A ; SIS X RAY PRODUCTS INC

Inventor(s): (std): SHOENFELD NORMAN A ; SOPENOFF FRED H

Inventor(s): SHOENFELD NORMAN

Agent(s): BERNHARD P MOLLDREM JR; BERNHARD P; BERNARD P

43) Family number: 3548075 (US5433093A)

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Title: DEVICE COMPRISING A LOCKING BAR

Abstract: PCT No. PCT/SE91/00789 Sec. 371 Date May 21, 1993 Sec. 102(e) Date May 21, 1993 PCT Filed Nov. 21, 1991 PCT Pub. No. WO92/09774 PCT Pub. Date Jun. 11, 1992. An arrangement is disclosed involving a locking bar, which arrangement is to be used for locking doors, containers and the like. The arrangement includes a locking bar which is layered at one end or to the base with its other free end involving a locking shackle holder with a shackle which is insertable in a cooperating locking device, which includes of a casted or smithed strong housing member in one piece without other openings except for a key hole and an opening for receiving the locking shackle and an exchangeable lock for fastening of the locking shackle.

Classifications:

International (IPC 8-9): E05B67/38 E05C1/04

E05C19/00 (Advanced/Invention);

E05B67/00 E05C1/00 E05C19/00 (Core/Invention)

International (IPC 1-7): E05B63/00 E05B65/00 E05B65/06

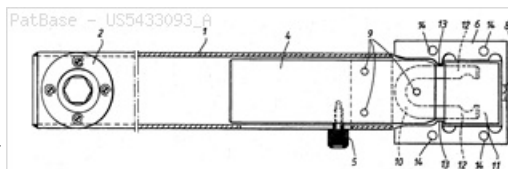
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CPC: Y10T70/454 Y10T70/498 Y10T70/7915 Y10T292/1025 E05C1/04

E05B67/38 E05C19/001

European: E05B67/38 E05C1/04 E05C19/00B

US: 292/148 297/148 70/39 70/416 70/56



Family:

Publication number	Publication date	Application number	Application date
AU199189387 A1	19920625	AU19910089387	19911121
DE69127302 D1	19970918	DE19916027302	19911121
DE69127302 T2	19980319	DE19916027302T	19911121
DK0685023 T3	19980330	DK19910920417T	19911121
EP0685023 A1	19951206	EP19910920417	19911121
EP0685023 B1	19970813	EP19910920417	19911121
ES2109279 T3	19980116	ES19910920417T	19911121
SE501767 C2	19950508	SE19900002940	19901122
SE9002940 A	19920523	SE19900002940	19901122
SE9002940 A0	19901122	SE19900002940	19901122
SE9002940 L	19920523	SE19900002940	19901122
US5433093 A	19950718	US19930050493	19930521
WO9209774 A1	19920611	WO1991SE00789	19911121

Priority:

SE19900002940 19901122 WO1991SE00789 19911121

Probable Assignee: O S PRODUKTER OLE SOOTH

Assignee(s): (std): O S PRODUKTER OLE SOOTH ; OLE SOOTH ; SOOTH OLE

Assignee(s): SOOTH OLE FROELUNDA SE

Inventor(s): (std): SOOTH OLE

Inventor(s): SOOTH OLE FROELUNDA SE ; OLE SOOTH

Designated states: AT AU BB BE BF BG BJ BR CA CF CG CH CI CM DE DK ES FI FR GA GB GN GR HU IT JP KP KR LK LU MC MG ML MR MW NL NO PL RO SD SE SN SU TD TG US

44) Family number: 29249084 (US4625848A)

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Title: LOCK DEVICE

Abstract: Electrically-controlled and manually-actuatable lock devices are provided which can be attached in a simple manner to doors of all types. Given remodeling of existing doors, the cylinder lock present in the respective door can remain. The lock device converts a rotational motion introduced at the outside of the door by the turning of a knob, the rotational motion being conducted to the inside of the door below the lock, into a rotational motion of a cam of a cylinder lock and thus allows a traditional lock to be opened and locked. The rotational motion initiated from the outside is connected to the lock cylinder with the assistance of an electromagnetic coupling device that, in turn, actuates a mechanical coupling device. The electromagnetic coupling device is essentially designed without an air gap. This particular provision enables its operation with very low electrical energy. The lock device can therefore be supplied with electrical energy from very small batteries for years.

Classifications:

International (IPC 8-9): E05B13/00 E05B47/00

E05B47/06 (Advanced/Invention);

E05B13/00 E05B47/00 (Core/Invention)

International (IPC 1-7): E05B13/00 E05B47/00 E05B47/06

E05B49/00 F16D23/12

CPC: E05B47/0006 E05B47/0615 E05B47/068 E05B2047/0008

E05B13/005 E05B47/0002 E05B47/0688 E05B47/00 Y10T70/7124

Y10T70/713 Y10T292/1018 Y10T292/1021 Y10T292/1079

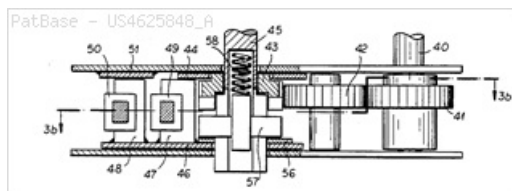
Y10T292/1082

European: E05B13/00D E05B47/00 E05B47/06C2 E05B47/06E

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P05B47/00A1D1

US: 192/67R 192/69.7 192/93A 292/142 292/144 292/199 292/201 70/282 70/283



Family:

Publication number	Publication date	Application number	Application date
AT41464 E	19890415	AT19840110396T	19840903
DE3218112 A1	19831124	DE19823218112	19820513
DE3218112 C2	19850404	DE19823218112	19820513
DE3310822 A1	19841004	DE19833310822	19830324
DE3310822 C2	19850829	DE19833310822	19830324
DE3338604 A1	19850502	DE19833338604	19831024
DE3338604 C2	19860213	DE19833338604	19831024
DE3347896 A1	19850704	DE19833347896	19830324
DE3347896 C2	19860213	DE19833347896	19830324
DE3477221 D1	19890420	DE19843477221	19840903
EP0094592 A1	19831123	EP19830104576	19830510
EP0140028 A2	19850508	EP19840110396	19840903
EP0140028 A3	19860205	EP19840110396	19840903
EP0140028 B1	19890315	EP19840110396	19840903
JP1700946 C3	19921014	JP19840195866	19840920
JP3065468 B4	19911011	JP19840195866	19840920
JP60105777 A2	19850611	JP19840195866	19840920
US4625848 A	19861202	US19830551024	19831114

Priority:

DE19823218112 19820513 DE19833310822 19830324 DE19833347896 19830324
DE19833338604 19831024 EP19840110396 19840903 DE19843477221 19840903

Probable Assignee: PIEERE MEIYAASU

Assignee(s): (std): KURAUSU MAISUTA ; KURAUSU MAISUTAA ; MEISTER KLAUS ; MEYERS PIERRE ; PIEERE MEIYAASU

Assignee(s): MEYERS PIERRE DIPL ING 8012 OTTOBRUNN DE ; MEYERS PIERRE DIPL ING ; MEISTER KLAUS DR ; MEISTER KLAUS DR 8022 GRUENWALD DE

Inventor(s): (std): PIEERU MEIYAASU ; MEYERS PIERRE ; MEISTER KLAUS ; KURAUSU MAISUTAA ; MEYERS PIERRE DIPL ING ; MEISTER KLAUS DR

Inventor(s): MEISTER KLAUS DR 8022 GRUENWALD DE ; MEYERS PIERRE DIPL ING 8012 OTTOBRUNN DE

Designated states: AT BE CH DE FR GB IT LI NL SE

45) Family number: 11286090 (DE4314804A1)

© PatBase

Title: ANTI-THEFT PROTECTION SYSTEM

Abstract: The object is to provide an anti-theft protection system which, when installed, is well camouflaged and can be overcome only with great effort. It has to be used in order to protect rooms which have doors opening outwards. An interior device for keeping the door shut by means of an electro-automatic belt mechanism, a storage battery and an external concealed switch lock solves this problem. There is no locking system. This anti-theft protection system can be equipped with an additional safety door and an additional alarm. The alarm is not a continuous alarm and is annoying only to the unauthorised intruder.

Classifications:

International (IPC 8-9): B60R25/00 B60R25/10 B60R25/104

E05B47/00 E05B73/00 E05C17/36 E05G1/04 (Advanced/Invention);

E05B63/00 E05B65/00 E05B65/19 E05B83/16 (Advanced/Non-invention)

International (IPC 1-7): B60R25/00 B60R25/10 E05C19/00

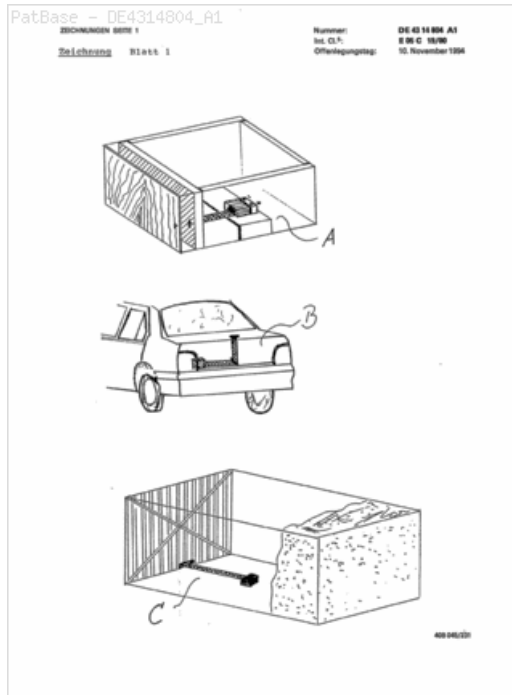
E05G1/10 E06B5/10 G08B13/22

CPC: B60R25/00 B60R25/104 E05B47/00 E05B63/0004 E05B65/0021

E05B73/0005 E05B83/16 E05C17/36 E05G1/04

European: B60R25/00 B60R25/104 E05B47/00 E05B73/00A

E05C17/36 E05G1/04 P05B63/00A P05B65/00G P05B83/16



Family:

Publication number	Publication date	Application number	Application date
DE4314804 A1	19941110	DE19934314804	19930505

Priority:

DE19934314804 19930505

Probable Assignee:	BAESLER PETER
Assignee(s): (std):	BAESLER PETER
Assignee(s):	BAESLER PETER 45964 GLADBECK DE
Inventor(s): (std):	BAESLER PETER
Inventor(s):	BAESLER PETER 45964 GLADBECK DE

46) Family number: 10735092 (US5735146A)

© PatBase

Title: LOCKING DEVICE FOR CAM ROD LOCKS

Abstract: The invention is a cam locking rod devices for securing doors on intermodal cargo containers, semi-trailers, utility trailers, trucks, and other similar cargo storage compartments. The lock rod device is used in conjunction with a rotatable cam lock rod, having cam locks on each end, mounted on a container door for securing the container door in a locked condition. A locking cylinder, through which the cam lock rod extends, has at least one locking projection thereon which interacts with at least one projection on a sliding latch, which when intermeshed prevents rotation of the cam lock rod. A pad lock is used in conjunction with the sliding latch to lock projections on the locking cylinder and slide latch in a meshed position which prevents rotation of the cam lock rod.

Classifications:

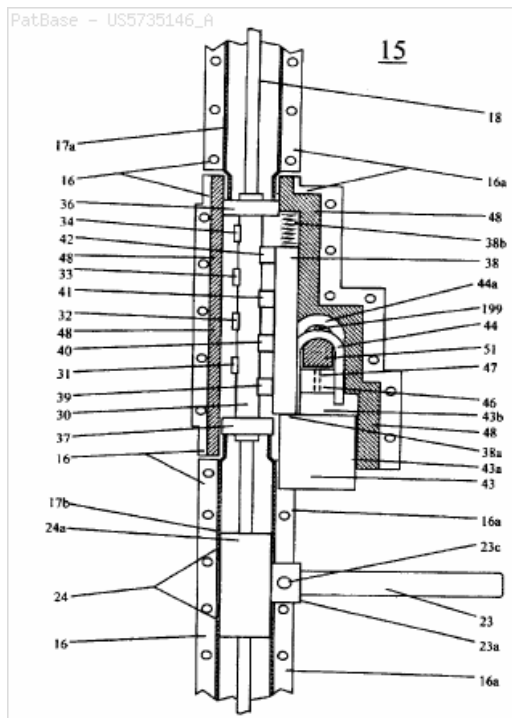
International (IPC 8-9): E05B17/20 E05B65/16
E05B67/38 (Advanced/Invention);
E05B17/00 E05B65/12 E05B67/00 (Core/Invention)

International (IPC 1-7): E05B63/14

CPC: Y10S292/32 E05B77/44 E05B83/10 E05B17/2038 E05B67/383
Y10T70/498 Y10T70/5283 Y10T70/5292 Y10T70/5779 Y10T70/7921
Y10T292/1086

European: E05B17/20D21S E05B67/38B E05B83/10

US: 292/205 292/DIG.32 70/121 70/123 70/212 70/417 70/56



Family:

Publication number	Publication date	Application number	Application date
US5735146 A	19980407	US19970882919	19970626

Priority:

US19970882919 19970626

Probable Assignee:

TAPLIN GERALD N

Assignee(s):

TAPLIN GERALD N

Inventor(s): (std):

TAPLIN GERALD N

(47) Family number: 34550093 (US2007131005A)

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Title: SYSTEMS AND METHODS FOR PROVIDING UNIVERSAL SECURITY FOR ITEMS

Abstract: A lock system having a remote actuating device, e.g., a portable member arranged to wirelessly transmit a wireless signal, and a passive lock for receiving that signal. The lock includes an actuatable trigger mechanism and a control circuit. The control circuit receives the wireless signal, which powers it. The control circuit also determines if the wireless signal is appropriate to unlock the lock, whereupon it produces a trigger signal. The trigger mechanism is responsive to the trigger signal to actuate and enable the lock to be opened.

Classifications:

International (IPC 8-9): E05B47/00 E05B49/00 E05B65/00
E05B65/12 G07C9/00 G08B13/14 G08B13/22

G08C19/00 (Advanced/Invention);

E05B47/00 E05B49/00 E05B65/12 G07C9/00 G08B13/14

G08C19/00 (Core/Invention)

International (IPC 1-7): G07C9/00**CPC:** H04L63/102 E05B47/06 G07C9/00103 G07C9/00571

G07C2009/00388 G07C2009/0042 G07C2009/00865 Y10T70/5973

G07C9/00309 E05B47/0603 E05B67/00 E05B73/0017 E05B73/0023

E05B2047/0094 G07C9/00896 G07C2009/00634 G08B13/14

European: E05B47/06A E05B67/00 E05B73/00B E05B73/00B2

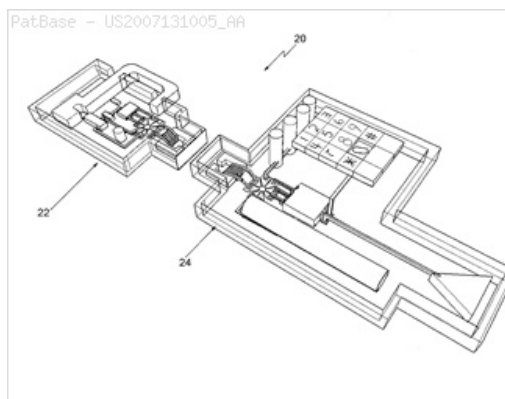
G07C9/00B8 G07C9/00E4 G07C9/00E7 P05B47/00R P05B47/06

S07C9/00E10 S07C9/00E18B S07C9/00E20 S07C9/00E4F

S07C9/00E4H

US: 340/13.24 340/13.240S 340/5.64 340/5.640P 340/572.9

340/572.900S 340/825.72 70/256 70/256P

**Family:**

Publication number	Publication date	Application number	Application date
AU2006332553 AA	20070712	AU20060332553	20061213
AU2006332553 BB	20100218	AU20060332553	20061213
AU2008279397 AA	20090129	AU20080279397	20080715
CA2633003 AA	20080611	CA20062633003	20061213
CA2694143 AA	20090129	CA20082694143	20080715
CN101371277 A	20090218	CN200680052676	20061213
CN101868810 A	20101020	CN200880105701	20080715
EP1960972 A2	20080827	EP20060849128	20061213
EP2171693 A1	20100407	EP20080781861	20080715
IN00783DN2010 A	20111014	IN2010DN00783	20100204
IN03505CN2008 A	20090313	IN2008CN03505	20080707
JP2009520136 T2	20090521	JP20080545952T	20061213
JP2010534286 T2	20101104	JP20100518290T	20080715
MX2010000844 A1	20100421	MX20100000844	20080715
US2007131005 AA	20070614	US20060609148	20061211
US2007296545 AA	20071227	US20070781642	20070723
WO07079332 A2	20070712	WO2006US61989	20061213
WO07079332 A3	20070920	WO2006US61989	20061213
WO9014943 A1	20090129	WO2008US70092	20080715

Priority:

US20050750194P 20051214

US20060609148 20061211

WO2006US61989 20061213

US20070781642 20070723

WO2008US70092 20080715

Probable Assignee: CHECKPOINT SYSTEMS INC**Assignee(s):** (std): CHECKPOINT SYSTEMS INC ; CLARE THOMAS J

Assignee(s): WACHOVIA BANK NATIONAL ASSOCIATION ADMINISTRATIVE ; WACHOVIA BANK NATIONAL ASSOCIATION AS ADMINISTRATI ; WACHOVIA BANK NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS

Inventor(s): (std): CLARE THOMAS J**Inventor(s):** CLARE THOMAS ; CLARE THOMASJ ; THOMAS J CLARE

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; CULLENS PATENT AND TRADE MARK ATTORNEYS; CULLENS PTY LTD; SPRUSON AND FERGUSON; RIDOUT AND MAYBEE LLP; MENGES ROLF; CAESAR RIVISE BERNSTEIN COHEN AND POKOTILOW LTD; SLOMOWITZ SCOTT M

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: ANTI-THEFT DEVICE FOR LOCKING CONTAINER OR LORRY DOORS

Abstract: The invention concerns an anti-theft device for locking a container or lorry opening comprising at least one door or shutter, said locking device comprising means integral with the lower crosspiece, for receiving a mobile element (54) provided with means for locking the door and a latch actuated by a lock blocking the mobile element (54) in the receiving means, said means receiving the mobile part comprising a box (50) fixed inside the crosspiece and provided in its internal wall with at least one cavity (52) for inserting a latch locking member (53) and the mobile element (54) comprising a part (56) fitted sliding into the box (50), the locking member (53) co-operating with the cavity (52) and being controlled by a safety lock (59). The invention is characterised in that it comprises two mutually parallel locking members (53) and the lock is provided on its rear surface with two cranks, each engaging one of the locking members provided each with a notch for imparting two equal horizontal movements in opposite directions.

Classifications:

International (IPC 8-9): E05B65/16 (Advanced/Invention);

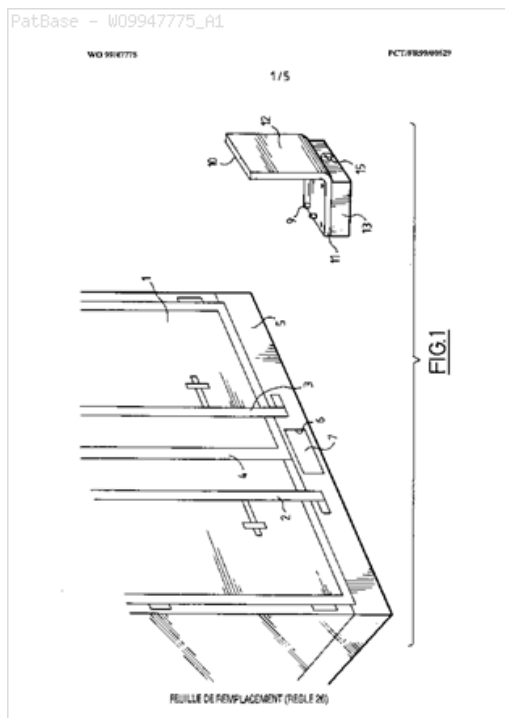
E05B65/12 (Core/Invention)

International (IPC 1-7): B65D90/54 B65D90/66 E05B65/14

E05B65/16 E05C19/18

CPC: E05B83/12

European: E05B83/12

**Family:**

Publication number	Publication date	Application number	Application date
AU199928431 A1	19991011	AU19990028431	19990318
DE69908260 D1	20030703	DE19996008260	19990318
DE69908260 D1	20030703	DE19996008260T	19990318
DE69908260 T2	20040408	DE19996008260T	19990318
EP0983413 A1	20000308	EP19990909040	19990318
EP0983413 B1	20030528	EP19990909040	19990318
FR2763576 A1	19981127	FR19980003289	19980318
FR2763576 B1	19991231	FR19980003289	19980318
FR2763629 A1	19981127	FR19970003329	19970319
WO9947775 A1	19990923	WO1999FR00629	19990318

Priority:

FR19970003329 19970319 FR19980003289 19980318 WO1999FR00629 19990318

Probable Assignee: FORTIN JEAN

Assignee(s): (std): FORTIN JEAN ; JEAN FORTIN

Inventor(s): (std): FORTIN JEAN ; JEAN FORTIN

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZA ZW

Title: CYLINDER LOCK AND KEY ASSEMBLY

Abstract: PCT No. PCT/DE79/00144 Sec. 371 Date Aug. 13, 1980 Sec. 102(e) Date Aug. 13, 1980 PCT Filed Dec. 13, 1979 PCT Pub. No. WO80/01299 PCT Pub. Date Jun. 26, 1980. A cylinder lock and key assembly for effecting a mechanical and/or electromechanical locking with recodable tumbler devices and devices which influence or generate electrical currents is provided. The assembly includes a key, a cylinder housing, a lock cylinder and a keyway disposed in the flat rib of the lock cylinder housing which receives the rotatable cylinder. The key and the keyway are provided with cooperating, exchangeable and codeable mechanical devices, e.g., pins, for a mechanical locking and devices which generate or influence electrical currents, e.g., resistors, inductors, capacities or semiconductors, for effecting an electromechanical arresting or other signal triggering.

Classifications:

International (IPC 8-9): E05B27/00 E05B49/00

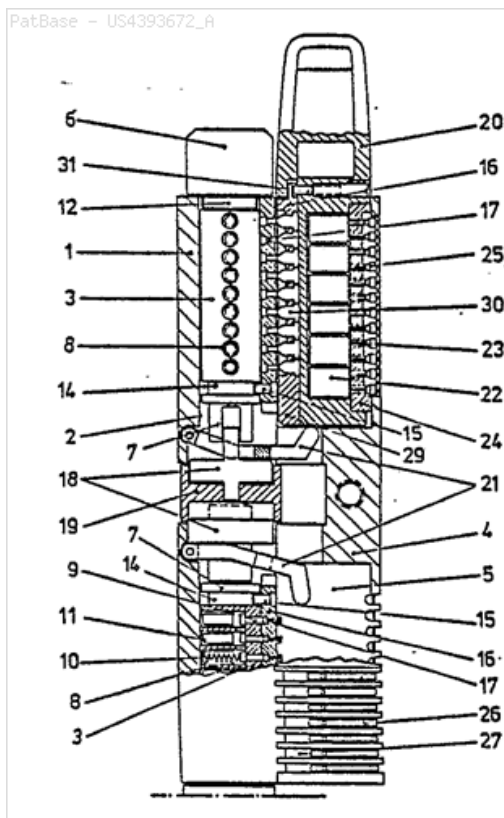
G07C9/00 (Advanced/Invention);

E05B27/00 E05B49/00 G07C9/00 (Core/Invention)

International (IPC 1-7): E05B27/00 E05B27/10 E05B47/00

E05B49/00

CPC: Y10S70/46 G07C9/00944 E05B27/00 G07C9/00714

**Family:**

Publication number	Publication date	Application number	Application date
AT7415 E	19840515	AT19790710014T	19791213
DE2853655 A1	19800703	DE19782853655	19781213
DE2966975 D1	19840614	DE19792966975	19791213
EP0013253 A1	19800709	EP19790710014	19791213
EP0013253 B1	19840509	EP19790710014	19791213
JP55500950 T2	19801113	JP19790500055T	19791213
US4393672 A	19830719	US19800204401	19800813
WO8001299 A1	19800626	WO1979DE00144	19791213

Priority:

DE19782853655 19781213
EP19790710014 19791213

DE19792966975 19791213

WO1979DE00144 19791213

Probable Assignee:

GELHARD EGON

Assignee(s): (std):

GELHARD E ; GELHARD EGON

Inventor(s): (std):

GELHARD E ; GELHARD EGON

Designated states:

AT BE CH DE FR GB IT JP LU NL SE US

50) Family number: 60547097 (US2017030109A)

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Title: PORTABLE LOCKS AND LOCK SYSTEMS

Abstract: A portable lock includes a wireless signal receiver. The lock may be unlocked by transmitting a wireless unlock signal from a portable device such as a cellular telephone. Various actuation mechanisms which may include a solenoid, motor or memory wire of a type that contracts when energized are provided in example embodiments. Self-locking embodiments are readily operated with one hand.

Classifications:

International (IPC 8-9): E05B17/20 E05B47/00 E05B67/10

E05B67/14 E05B67/22 E05B73/00 (Advanced/Invention)

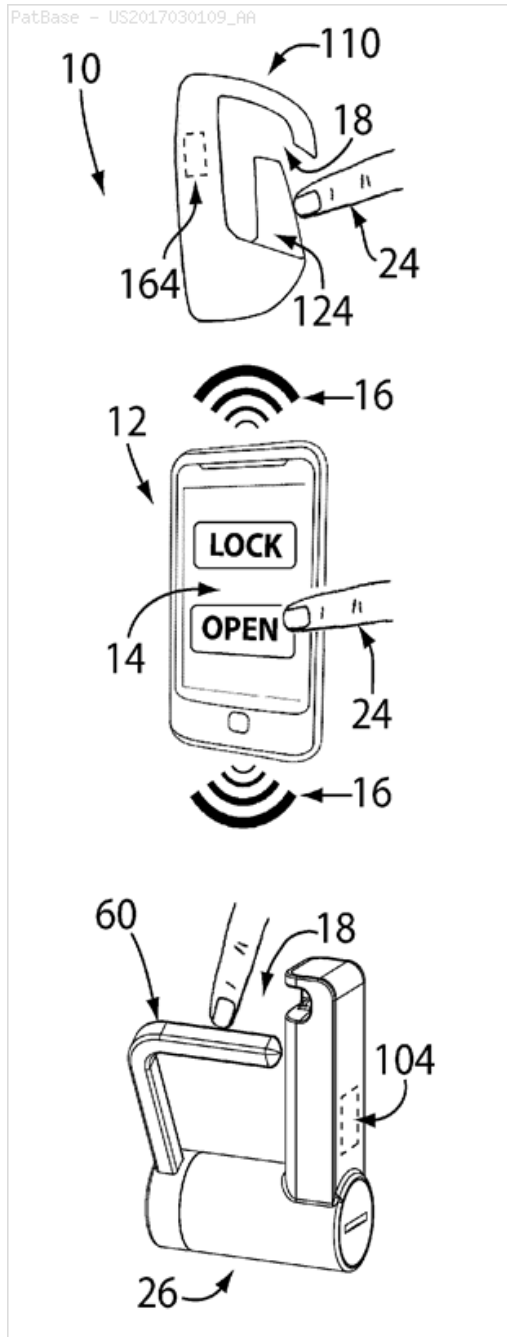
CPC: E05B47/0009 E05B67/22 E05B2047/0094 E05B47/0001

E05B17/2011 E05B73/00 G07C9/00944 G07C2009/00634

Y10T70/413 Y10T70/7102 E05B47/0004 E05B47/0012 E05B67/10

E05B67/14 E05B2047/0058 E05B2047/0095 G07C9/00309

US: 70/20

**Family:**

Publication number	Publication date	Application number	Application date
US2017030109 AA	20170202	US20140301317	20140403
WO15149149 A1	20151008	WO2014CA50336	20140403

Priority:

US20130093357 20131129 US20140301317 20140403 WO2014CA50336 20140403

Probable Assignee: 13876 YUKON INC

Assignee(s): (std): 13876 YUKON INC

Inventor(s): (std): STONE ALEXANDER JOHN ; FELDMAN ALEXANDER JEFFREY ; DUNCAN GORDON ANDREW

Agent(s): MANNING GAVIN N ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN 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

51) Family number: 44232099 (US2010010666A)

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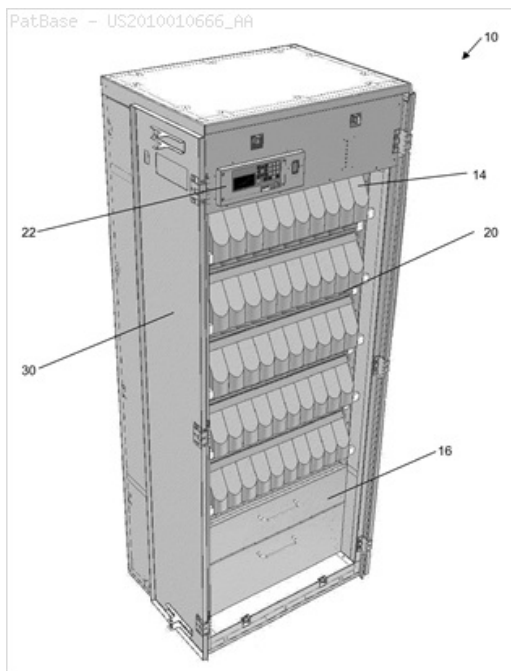
Title: SYSTEM TO SECURE, CONTROL, INVENTORY AND DISPENSE ITEMS

Abstract: A safe/secure cabinet that preferably protects and deters the internal and external threat of theft and robbery most preferably for use with controlled and non-controlled items.

Classifications:

International (IPC 8-9): A61J7/00 A61J7/04 E05B39/04 E05B45/06 E05B49/00 E05B65/00 E05G1/00 E05G1/04 E05G1/06 E05G1/10

G05B19/12 G06F17/00 G06F19/00 G06K7/10 G06Q10/08 G07F11/00
G07F11/62 G07F17/00 G07F5/18 G07F9/02 G08B13/06
G16H20/10 (Advanced/Invention);
E05F15/00 E05G1/06 E05G1/08 (Advanced/Non-invention);
E05G1/00 G06F17/00 G08B13/02 (Core/Invention)
CPC: E05F15/00 E05G1/08 E05Y2400/80 G07F9/026 G07F11/002
G07F11/62 G07F17/0092 G07F5/18 G05B19/124 G06K7/10762
G06Q10/087 E05B49/00 E05B65/0075 E05B45/06 E05B39/04
E05G1/04 E05G1/10 A61J7/0084 A61J7/0481 E05G1/06 G16H20/10
G06F19/00 G06F19/3462
European: E05G1/06 E05G1/08 G07F11/00B G07F11/62
G07F17/00P G07F5/18 G07F9/02D K61J7/00F1 P05G1/06 P05G1/08
P05Y400/80
US: 1/1 700/231 700/231P 700/232 700/236 700/237 705/2



Family:

Publication number	Publication date	Application number	Application date
CA2767069 AA	20100114	CA20092767069	20090707
US2010010666 AA	20100114	US20090499043	20090707
US2012310410 AA	20121206	US20120589012	20120817
US2016147977 AA	20160526	US20150923949	20151027
US2017076066 AA	20170316	US20160344144	20161104
US2017103185 AA	20170413	US20160387023	20161221
US2019066828 AA	20190228	US20180052907	20180802
US9171415 BB	20151027	US20120589012	20120817
US9665690 BB	20170530	US20150923949	20151027
WO10005994 A2	20100114	WO2009US49848	20090707
WO10005994 A3	20100415	WO2009US49848	20090707

Priority:

US20080134034P 20080707	US20090499043 20090707	WO2009US49848 20090707
US20110525103P 20110818	US20120589012 20120817	US20150923949 20151027
US20160344144 20161104	US20160387023 20161221	US20180052907 20180802

Probable Assignee: PEACOCK LAW PC

Assignee(s): (std): ADAMS PATRICK ; BELL WILLIAM E ; PEACOCK LAW P C ; PEACOCK MYERS P C ; PHC LLC

Assignee(s): PEACOCK MYERS PC ; PHARMASAFE LLC ; PEACOCK LAW PC

Inventor(s): (std): ADAMS PATRICK ; BELL WILLIAM E

Agent(s): UREN JOHN RUSSELL; PEACOCK MYERS PC; DEBORAH A; JUSTIN R; DEBORAH; JACKSON JUSTIN R

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

52) Family number: 56664099 (US2014159385A)

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Title: LOCKING SYSTEM WITH MULTIPLE LATCHES

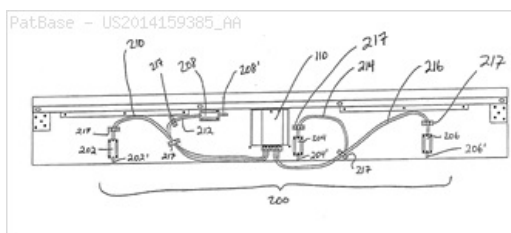
Abstract: A locking system provides multiple lockable latching mechanisms that are collectively operable and lockable from a central actuation mechanism. Each latching mechanism can be positioned and actuated independent of the positioning of others of the latching mechanisms. In particular, the latching mechanisms need not be aligned with one another. The system uses flexible connectors between the central actuation mechanism and the respective latching mechanisms. The flexible connectors can have different respective lengths.

Classifications:

International (IPC 8-9): B65D25/28 B65D55/14 E05B53/00
E05B63/14 E05B65/00 E05B65/44 E05B65/46 E05C1/12 E05C9/04
E05C9/06 E05C9/18 (Advanced/Invention)

CPC: E05C9/1833 E05B53/005 E05B65/0003 E05B65/462
Y10T292/0962 B65D55/14 B65D25/28 B65D2525/283 E05B65/0007
E05B65/5215 E05C9/00 E05C9/06

US: 1/1 220/212.5 292/157



Family:

Publication number	Publication date	Application number	Application date
DE602013049533 D1	20190131	DE201360049533T	20130507
EP2956604 A1	20151223	EP20130724092	20130507

EP2956604 B1	20190109	EP20130724092	20130507
TW201422893 A	20140616	TW20130113319	20130415
US2014159385 AA	20140612	US20120708394	20121207
US2017009489 AA	20170112	US20160000029	20160118
US9238930 BB	20160119	US20120708394	20121207
WO14088633 A1	20140612	WO2013US39935	20130507

Priority:

US20120708394 20121207 EP20130724092 20130507 WO2013US39935 20130507
US20160000029 20160118

Probable Assignee: CAPITOL DEVELOPMENT LLC

Assignee(s): (std): CAPITOL DEV LLC

Assignee(s): CAPITOL DEVELOPMENT LLC ; CAPITOL DEVELOPMENT LLC SUNRISE

Inventor(s): (std): STEINMAN ROBERT J ; TUYEN PHAN QUANG

Agent(s): CASBON PAUL RICHARD; RYU MIKE S

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

53) Family number: 1339100 (US4273478A)

© PatBase

Title: Locking security container

Abstract: A lockable security container for the transportation of valuables and including means for damaging valuables positioned within the container comprising: a container including an internal space for positioning valuables, means for damaging the valuables positioned within said internal space including a housing positioned within said internal space for containing a dye; said housing including a plunger interposed between a charge of powder and said dye; said charge of power being operatively connected to said container to activate said charge when said container is subjected to unauthorized tampering, activation of said charge moves said plunger against said dye to uniformly spray said internal space and damage said valuables.

Classifications:

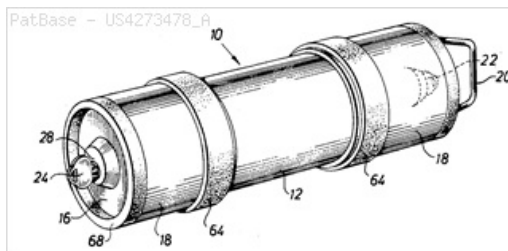
International (IPC 8-9): B65G51/04 B65G51/06 E05G1/00 E05G1/14 E05G5/00 G08B15/02 (Advanced/Invention); E05G1/00 E05G5/00 (Advanced/Non-invention); B65G51/00 E05G1/00 E05G5/00 G08B15/00 (Core/Invention)

International (IPC 1-7): A45C13/24 B65D51/24 B65G51/04 B65G51/06 E05G1/00 E05G1/10 E05G1/12 E05G5/00 E05G5/02 G05G G08B15/02

CPC: B65G51/06 E05G1/005 E05G1/14 G08B15/02

European: B65G51/06 E05G1/14 G08B15/02 P05G1/00C

US: 109/25 406/189



Family:

Publication number	Publication date	Application number	Application date
AU197834868 A1	19791011	AU19780034868	19780407
AU515144 B2	19810319	AU19780034868	19780407
BR7802284 A	19781128	BR19780002284	19780412
CH631232 A	19820730	CH19780003937	19780412
DE2814410 A1	19781019	DE19782814410	19780404
DE2814410 C2	19900510	DE19782814410	19780404
DK145046 B	19820809	DK19780001564	19780407
DK145046 C	19830124	DK19780001564	19780407
DK156478 A	19781013	DK19780001564	19780407
FR2387345 A1	19781110	FR19780010723	19780412
FR2387345 B1	19830718	FR19780010723	19780412
GB1593041 A	19810715	GB19780013689	19780407
IT1095865 A	19850817	IT19780022199	19780411
IT7822199 A0	19780411	IT19780022199	19780411
JP1379669 C3	19870528	JP19780042224	19780412
JP53128875 A2	19781110	JP19780042224	19780412
JP61046634 B4	19861015	JP19780042224	19780412
NL186779 B	19900917	NL19780003843	19780411
NL186779 C	19910218	NL19780003843	19780411
NL7803843 A	19781016	NL19780003843	19780411
SE411137 B	19791203	SE19770004195	19770412
SE411137 C	19800313	SE19770004195	19770412
SE7704195 A	19781013	SE19770004195	19770412
SE7704195 L	19781013	SE19770004195	19770412
US4273478 A	19810616	US19780893980	19780406
ZA7801924 A	19790328	ZA19780001924	19780404

Priority:

SE19770004195 19770412

Probable Assignee: CEDERGREN S G B

Assignee(s): (std): CEDERGREN S ; CEDERGREN S G B ; CEDERGREN STIG ; CEDERGREN STIG G B ; CEDERGREN STIG GOSTA BORIS ; SHIYUTEIKU SEDERUGUREN ; STIG GOESTA BORIS CEDERGREN ; STIG CEDERGREN

Assignee(s): STIG GOESTA BORIS CEDERGREN SE ; STIG GOSTA BORIS CEDERGREN ; SHUTEIKU SEDERUGUREN ; STIG GOESTA BORIS CEDERGREN TE STOCKHOLM ZWEDEN ; STIG CEDERGREN TE STOCKHOLM

Inventor(s): (std): SHIYUTEIKU SEDERUGUREN ; CEDERGREN STIG GOSTA BORIS ; CEDERGREN STIG ; CEDERGREN S

Inventor(s): STIG CEDERGREN ; STIG GOSTA BORIS CEDERGREN ; SOK ; S CEDERGREN ; CEDERGREN STIG
STOCKHOLM SE ; SHUTEIKU SEDERUGUREN

Agent(s): WM; WATERMARK INTELLECTUAL PROPERTY PTY LTD

54) Family number: 29000101 (ZA200200630A)

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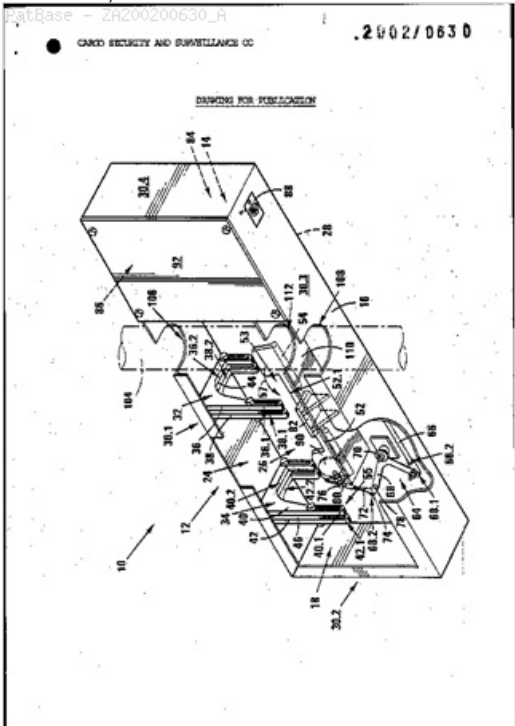
Title: CLOSURE MEMBER ASSEMBLY.

Abstract: ABSTRACT 0 U,3 I The invention relates to a lock system (10) and to a lock arrangement (1 2) for use with a closure member assembly (22) which includes a closure member and a latch displaceable from an operative position in which it 5 retains the closure member in a closed position to an inoperative position in which the closure member can be opened. The assembly further includes a handle (20) pivotally mounted to the closure member and connected to the latch. The handle is pivotable from a closed position in which the latch is in its operative position to an open position in which the 10 latch is in its inoperative position. The lock arrangement includes a cover (1 6) defining a cavity (18) in which the handle is receivable when in its closed position, and locating means (24) within the cavity and fast with the cover for locating the cover over the handle. The arrangement includes also securing means (26) for securing the cover to the handle, thereby to 15 inhibit unauthorized access to the handle. C:\WP8\MyFiles\Specs\Brits_cs /tjc 23 January 2002

Classifications:

International (IPC 8-9): B65D E05B (Subclass/Invention)

International (IPC 1-7): B65D E05B



Family:

Publication number	Publication date	Application number	Application date
ZA200200630 A	20020801	ZA20020000630	20020123

Priority:

ZA20000006822 20001122 ZA20020000630 20020123

Probable Assignee: CARGO SECURITY AND SURVEILLANC

Assignee(s): (std): CARGO SECURITY AND SURVEILLANC ; CARGO SECURITY AND SURVEILLANCE CC

Inventor(s): (std): BARTHORPE ZANE STEWART ; BRITS HENDRIK JOHAN CHRISTOFFE ; CORNELIUS HENDRIK ; DU PLOOY ; HENDRIK CORNELIUS ; HENDRIK JOHAN CHRISTOFFEL BRITS ; PLOOY DU ; ZANE STEWART BARTHORPE

55) Family number: 50259103 (US2011316291A)

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Title: PORTABLE SECURITY SHIELD FOR ROLL-UP DOOR ROTARY LATCH

Abstract: A latching mechanism on a roll-up door in a closed position is protected by a portable shield. The shield, in combination with a floor and the roll-up door protects the latching mechanism from direct impact. The shield is locked into place by a bolt that is positioned below a hub of the latching mechanism. An extension of the shield fits into an opening in the floor or a blocking member in the floor. The bolt is positioned in such a way in the shield that when the shield is in its engaged position the bolt can move only either perpendicular to the door and/or it can rotate about an axis substantially perpendicular to the door. The bolt may be a separate bolt or it may be part of a lock. A kit containing a shield is also provided.

Classifications:

International (IPC 8-9): E05B17/20 E05C19/12 (Advanced/Invention)

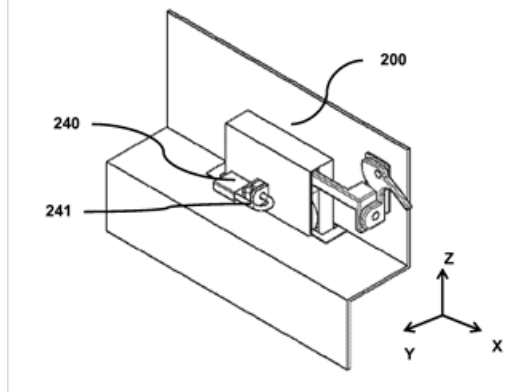
CPC: E05B13/001 E05B65/0021 E05B67/383 E05B83/12 E05C19/18

Y10T292/0951 Y10T292/79

European: E05B13/00B E05B67/38B E05B83/12 E05C19/18

P05B65/00G

US: 292/101 292/101P 292/346 292/346S

**Family:**

Publication number	Publication date	Application number	Application date
US2011316291 AA	20111229	US20110154547	20110607

Priority:

US20100358559P 20100625 US20110154547 20110607

Probable Assignee: STANTON CONCEPTS LLC

Assignee(s): (std): LOUGHLIN JOHN ; LOUGHLIN ROBERT ; STANTON CONCEPTS L L C

Assignee(s): STANTON CONCEPTS LLC

Inventor(s): (std): LOUGHLIN JOHN ; LOUGHLIN ROBERT

56) Family number: 30960105 (SE200003656A)

© PatBase

Title: INFAESTNING AV EN LASANORDNING I EN DOERR

Abstract: The lock comprises a first locking device (1) for securing to a door, and a second locking device for fitting onto the first locking device when the door is closed. The first locking device is secured to the door by spacer sleeves located in holes in the door. The hole diameter is greater than the external diameter of the sleeve, resulting in play between the hole and sleeve. The length of the sleeve is greater than the door thickness. Screws are passed through holes in the first locking device and through the sleeves for anchoring in a retaining part.

Classifications:

International (IPC 8-9): E05B67/38 (Advanced/Invention);

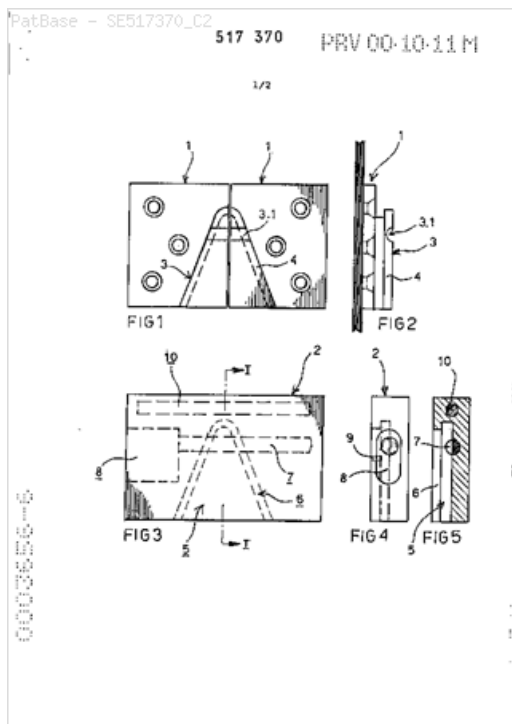
E05B E05B67/00 (Core/Invention);

E05B (Subclass/Invention)

International (IPC 1-7): E05B67/38 G01N21/25

CPC: E05B67/38

European: E05B67/38

**Family:**

Publication number	Publication date	Application number	Application date
SE200003656 A	20020412	SE20000003656	20001011
SE200003656 A0	20001011	SE20000003656	20001011
SE200003656 L	20020412	SE20000003656	20001011
SE517370 C2	20020604	SE20000003656	20001011

Priority:

SE20000003656 20001011

Probable Assignee: SVEN OLOF GRANLUND

Assignee(s): (std): LEIF JOENSSON ; LS MEK VERKST AB ; SVEN OLOF GRANLUND

Assignee(s): LS MEKANISKA VERKSTAD AB

Inventor(s): (std): JOENSSON LEIF
Inventor(s): LEIF JOENSSON

57) Family number: 17725108 (DE29603902U1)

© PatBase

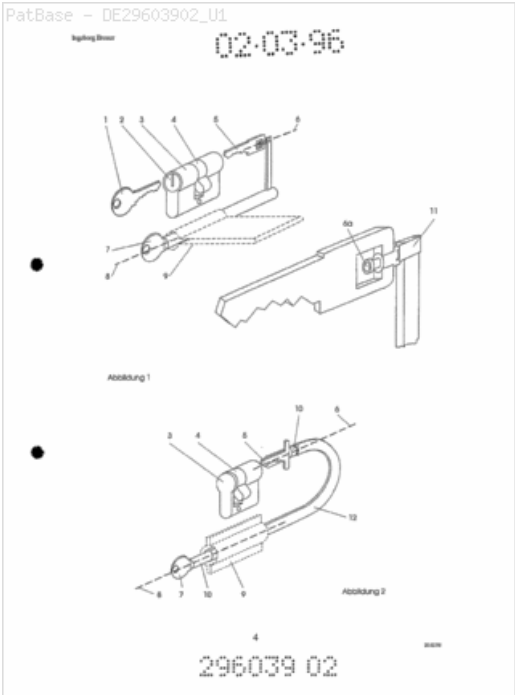
Title: Hinterschlosssschluessel

Abstract: Source: DE29603902U1 [DE] (Claim 1) Ingeborg Breuer SCHUTZANSPRUECHE: 1. Hinterschlosssschluessei dadurch gekennzeichnet, dass dieBewegungsachse bzw. Drehachse des Schliessbarfes (6) im Schloss und dieDrehachse des Griffteils (8) nicht zusammenfallen, 2, Hinterschlosssschluesse l nach Anspruch 1 dadurch gekennzeichnet,dass sich zwischen dem Schliessteil (Schliessbart) (5) und dem Griffteil (7) desSchluessels mindestens ein nicht starres Element befindet.

Machine translation: (Claim 1) Ingeborg Breuer SCHUTZANSPRUECHE: 1 Hinterschlosssschluessei wherein dieBewegungsachse or rotational axis of the Schliessbarfes (6) in the castle and dieDrehachse of the handle (8) do not coincide, 2, Hinterschlosssschluesse l according to claim 1, characterized in that between the end plate (Schliessbart) (5) and the handle (7) desSchluessels at least one element is not rigid.

Classifications:

International (ipc 8-9): E05B17/14 E05B19/08 E05B35/00 E05B35/12 (Advanced/Invention); E05B17/00 E05B19/00 E05B35/00 (Core/Invention)
International (ipc 1-7): E05B17/04 E05B19/00 E05B19/08
CPC: E05B17/14 E05B35/002 E05B35/12
European: E05B17/14 E05B35/00E E05B35/12



Family:

Publication number	Publication date	Application number	Application date
DE29603902 U1	19960530	DE19962003902U	19960302

Priority:

DE19962003902U 19960302

Probable Assignee: BREUER INGEBORG

Assignee(s): (std): BREUER INGEBORG

Assignee(s): BREUER INGEBORG 09113 CHEMNITZ DE

58) Family number: 57412109 (US2016019367A)

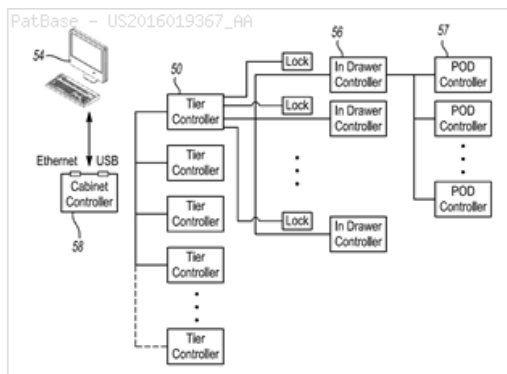
© PatBase

Title: MEDICATION STORAGE AND DISPENSING APPARATUS HAVING LINEAR DRAWER ASSEMBLY INCLUDING DISCRETE STORAGE MODULES

Abstract: A medication storage and dispensing workstation for use in a medication management system administering the inventory and distribution of pharmaceuticals and medical supplies in a healthcare environment is disclosed. The workstation incorporates a linear drawer assembly having a plurality of discrete, removable, storage modules for containing medications and/or other medical supplies. The storage modules are arranged in a linear array extending longitudinally along the travel path of the linear drawer assembly. Each storage module, in turn, comprises a drawer that is extensible laterally relative to the linear arrangement of the storage modules. As such, the drawer assemblies comprise a compartmentalized "drawer-in-drawer" arrangement that provides an efficient use of storage space and enables a user to utilize the workstation in a workspace having a smaller footprint than traditional storage cabinet apparatus.

Classifications:

International (ipc 8-9): A47B67/02 A47B81/00 A47B88/04 A47B88/40 A61J7/00 B65G1/137 E05B65/46 G05B15/02 G06F19/00 G06F7/00 G06Q50/22 G07F11/00 G07F11/18 G07F11/62 G07F17/00 (Advanced/Invention)
CPC: G05B15/02 A47B81/00 A47B67/02 E05B65/46 A61J7/0084 A61J7/0069 A47B2067/025 A61J2205/10 A61J2205/20 A61J2205/60 G06F19/3462 A47B88/40 G07F11/18 G07F11/62 G07F17/0092 A47B88/453
US: 312/209 312/333 700/241



Family:

Publication number	Publication date	Application number	Application date
BR112015023444 A2	20170718	BR20151123444	20140314
CN204010033 U	20141210	CN201420120719U	20140317
EP2972767 A1	20160120	EP20140764491	20140314
EP2972767 A4	20161228	EP20140764491	20140314
US2016019367 AA	20160121	US20140775392	20140314
US9652594 BB	20170516	US20140775392	20140314
WO14143810 A1	20140918	WO2014US27940	20140314

Priority:

US20130793325P 20130315 US20140775392 20140314 WO2014US27940 20140314

Probable Assignee: TOUCHPOINT MEDICAL INC

Assignee(s): (std): INTERMETRO CORP ; INTERMETRO IND CORP ; TOUCHPOINT MEDICAL INC

Inventor(s): (std): SWEENEY PATRICK ; HAIDEN KARL ; OLSON JEFFREY C ; PRICKETT PAUL ; HARSHBARGER SCOTT ; KILGALLON JAMES LEO ; TROUP ADAM ; WILLIAMS TOBIN H ; MILLER SCOTT CURTIS ; JEFFREY C OLSON ; PAUL PRICKETT ; KARL HAIDEN ; PATRICK SWEENEY ; TOBIN H WILLIAMS ; ADAM TROUP ; SCOTT CURTIS MILLER ; SCOTT HARSHBARGER ; JAMES LEO KILGALLON

Agent(s): INSPICOS P S ; RATNERPRESTIA ; UTYKANSKI DAVID P ET AL

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

59) Family number: 72261110 (WO18222817A1)

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Title: DEVICE AND METHODS FOR PROVIDING A LOCK FOR PREVENTING UNWANTED ACCESS TO A LOCKED ENCLOSURE

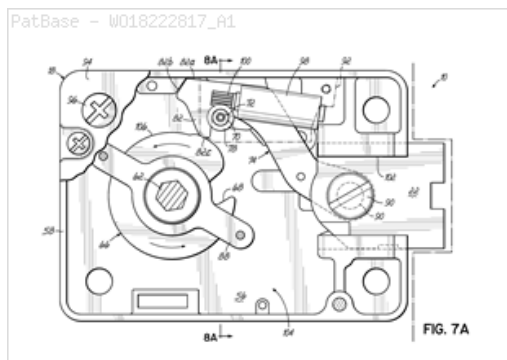
Abstract: A device (10) for preventing unwanted opening of a locked enclosure includes a lock bolt (22) moveable between a locked position and an unlocked position. A lever arm (74) is movable between disengaged and engaged positions and moves the lock bolt (22) between the locked and unlocked positions. A rotary element (66) is engageable with the lever arm (74) in the engageable position. The rotation of the rotary element (66) when the rotary element (66) is engaged with the lever arm (74) moves the lock bolt (22) between the locked and unlocked positions. A pin (70) normally blocks the lever arm (74) from moving from the disengaged position to the engageable position. A rotatable output gear (100) moves a rack gear (78) and the pin (70) to unblock the lever arm (74) and thereby allowing the lever arm (74) to engage with the rotary element (66) to allow a user to rotate the rotary element (66) to move the lock bolt (22) between the locked and unlocked positions.

Classifications:

International (IPC 8-9): E05B17/20 E05B37/00 E05B47/02

E05B49/02 (Advanced/Invention)

CPC: E05B47/026 E05B47/0673 E05B49/00 E05B2047/0062



Family:

Publication number	Publication date	Application number	Application date
WO18222817 A1	20181206	WO2018US35309	20180531

Priority:

US20170514135P 20170602

Probable Assignee: LOCK II L L C

Assignee(s): (std): LOCK II L L C

Assignee(s): LOCK II LLC

Inventor(s): (std): HARVEY MICHAEL ; MILLER J ; COOKE DONALD

Inventor(s): MILLER J CLAYTON ; HARVEY MICHAEL P ; COOKE DONALD P JR

Agent(s): ROONEY KEVIN G ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ 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 JO JP KE KG KH KM KN KP KR KW 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

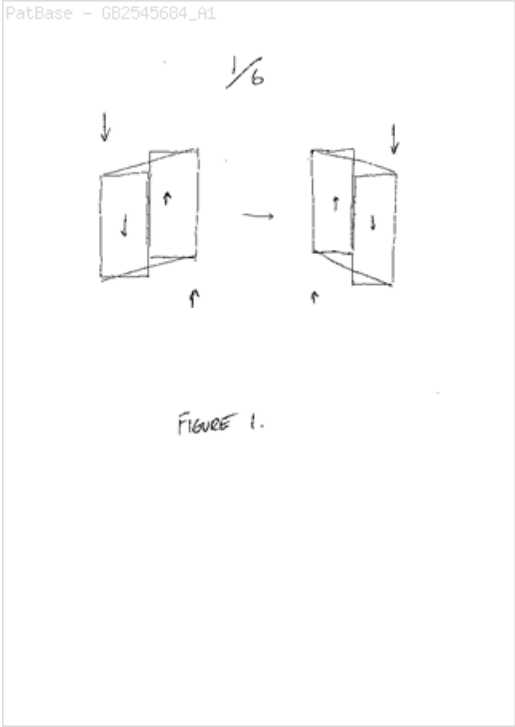
60) Family number: 61802112 (GB2545684A) © PatBase

Title: FASTENING POINT

Abstract: A mounting for a security seal that is attached to both doors of a freight container, the security seal is a bolt seal that seals the doors together when closed. Each mounting A, B has an aperture, and the mountings are welded to the container doors. When the doors are closed, the mountings A, B align and the mountings apertures co-operate, enabling the security bolt/seal to pass through the apertures and be fastened to the mountings. Preferably one of the mountings has an elongated aperture that allows the freight container doors to move during transportation without damaging the seal bolt. One of the mountings A may also extend from the door that it is attached to, and overlap the opposing door when closed, the extended mounting blocks the door from being opened before the seal is broken. The extended mounting A is preferably made from flexible steel. The security bolt seal and or mounting have a bar code, QR code or similar display to enable verification of the container by scanning the display. The mountings provide some shielding to the seal, whilst allowing the information displayed on the bolt to be scanned for verification.

Classifications:

International (IPC 8-9): E05B15/02 E05B39/02 E05B83/14
E05C19/08 G09F3/03 (Advanced/Invention)
CPC: Y10T292/51 Y10T292/707 E05B15/02 E05B39/02 E05B83/14
E05C19/08 B65D90/22 B65D2211/00 G09F3/0317 B65D90/008



Family:

Publication number	Publication date	Application number	Application date
GB201522608 A0	20160203	GB20150022608	20151221
GB2545684 A1	20170628	GB20150022608	20151221

Priority:

GB20150022608 20151221

Probable Assignee: GREENWOOD EDMUND
Assignee(s): (std): EDMUND GREENWOOD ; GREENWOOD EDMUND
Inventor(s): (std): EDMUND GREENWOOD

61) Family number: 29539116 (WO9716614A1) © PatBase

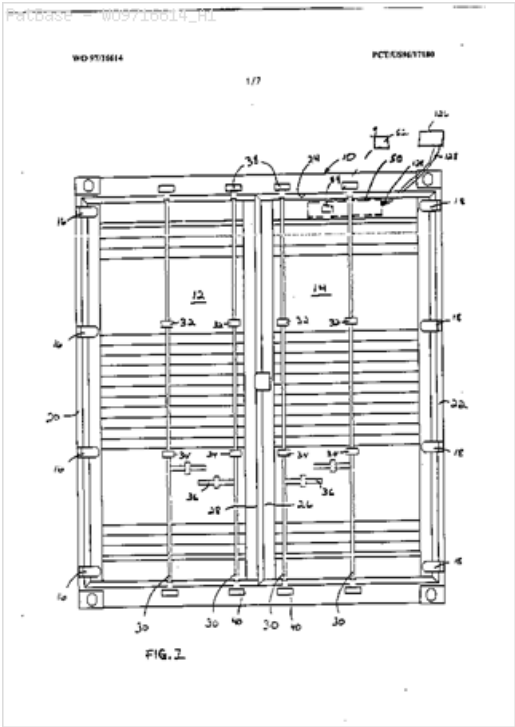
Title: SECURITY SYSTEM FOR CARGO LOADING DOORS

Abstract: A linkage mechanism (68) includes an elongated distal section (88) and an L-shaped proximal section (90), the distal section (88) is coupled to the latching device (66) and a short leg (92) of the L-shaped proximal section (90) is couplable with the electromechanical actuator (56). This structure provides the advantages of converting minimal linear motion to angular motion required to move the latching device (66) from the locked to the unlocked position and vice versa. Advantageously, it also simulates a rigid link thus holding the latch (66) in its locked position and diverting any forces from the electromechanical actuator (56) to the housing (64), for improved strength and integrity. Additionally, in this position the system (50) is self locking and requires essentially no battery power, thus minimizing battery drain.

Classifications:

International (IPC 8-9): E05B15/00 E05B47/00 E05B47/02
E05B65/14 E05B65/16 G07C9/00 (Advanced/Invention);
E05B15/00 E05B65/14 E05B65/16 G07C9/00 (Advanced/Non-invention);
E05B47/00 E05B47/02 (Core/Invention);
E05B15/00 E05B65/12 G07C9/00 (Core/Non-invention)
International (IPC 1-7): E05B65/12 E05C1/04
CPC: E05B47/023 E05B15/0086 E05B47/0002 E05B47/0004
E05B47/0012 E05B47/026 E05B81/66 E05B81/70 E05B83/02

E05B83/10 E05B2047/0016 E05B2047/0069 G07C2009/00769
G07C2009/0092
European: E05B47/00A1 E05B47/00A4 E05B47/02 E05B47/02P
E05B47/02R P05B15/00T P05B47/00A1B1 P05B47/00A5C1
P05B47/00E6B P05B47/00E6C P05B83/02 P05B83/10 S07C9/00E14C
S07C9/00E20D



Family:

Publication number	Publication date	Application number	Application date
AU199675979 A1	19970522	AU19960075979	19961024
WO9716614 A1	19970509	WO1996US17180	19961024

Priority:

US19950544944 19951030 WO1996US17180 19961024

Probable Assignee: MIJACK PRODUCTS INC

Assignee(s): (std): CHALKO GERALD F ; LANIGAN WILLIAM P ; MIJACK PRODUCTS INC ; MIRABELLA PETER W

Assignee(s): MI JACK PRODUCTS INC

Inventor(s): (std): CHALKO GERALD F ; LANIGAN WILLIAM P ; MIRABELLA PETER W

Inventor(s): WILLIAM P LANIGAN ; PETER W MIRABELLA ; GERALD F CHALKO

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG US VN

62) Family number: 53007119 (US2013199422A)

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Title: DEVICE FOR HANDLING COINS

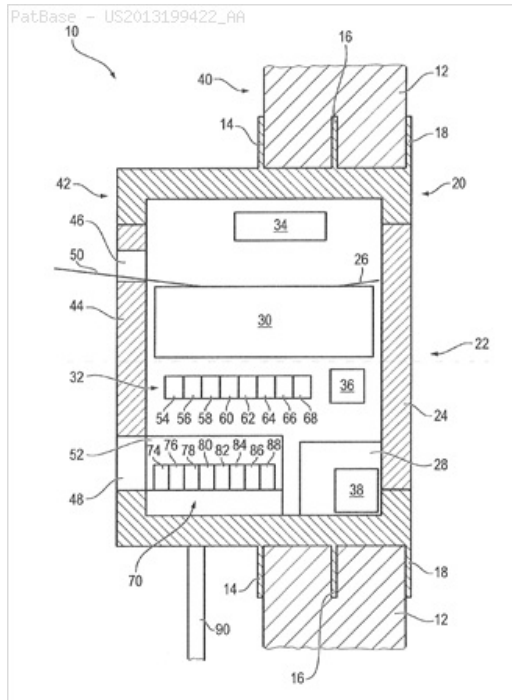
Abstract: The invention relates to a device (10) for handling coins comprising a first supply unit (26) at a first side (22) of the device (10) for the input of coins, at least one coin processing unit (30) for processing the coins supplied via the first supply unit (26), comprising a coin storage system (32) that comprises at least two coin storages (54 to 68) for storing coins, wherein the coin processing unit (30) sorts the supplied coins at least according to one sorting criterion in the coin storages (54 to 68), and comprising a dispensing unit (28) provided at the first side (22) for dispensing the coins removed from the coin storage system (32). At a second side (42) a second supply unit (50) for the input of coins is provided, wherein the coins input via the second supply unit (50) can be supplied to the coin processing unit (30).

Classifications:

International (IPC 8-9): E05G1/02 G07D13/00 G07D3/00 G07D3/16
G07D9/00 G07F9/10 (Advanced/Invention)

CPC: G07D3/00 E05G1/02 G07D3/16 G07D9/008

US: 1/1 109/50 453/3



Family:

Publication number	Publication date	Application number	Application date
DE102011052575 A1	20130214	DE201110052575	20110811
DE502012001387 D1	20141120	DE201250001387T	20120730
EP2557544 A1	20130213	EP20120178457	20120730
EP2557544 B1	20141008	EP20120178457	20120730
US2013199422 AA	20130808	US20120571421	20120810
US9153086 BB	20151006	US20120571421	20120810

Priority:

DE201110052575 20110811 EP20120178457 20120730

Probable Assignee: WINCOR NIXDORF INT GMBH

Assignee(s): (std): NEUMANN THORSTEN ; STARKE CHRISTIAN ; WINCOR NIXDORF INT GMBH

Assignee(s): WINCOR NIXDORF INTERNATIONAL GMBH

Inventor(s): (std): STARKE CHRISTIAN ; NEUMANN THORSTEN

Agent(s): SCHAUMBURG THOENES THURN LANDSKRON ECKERT; HARNESS DICKEY AND PIERCE PLC

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

63) Family number: 53039119 (US2013042532A)

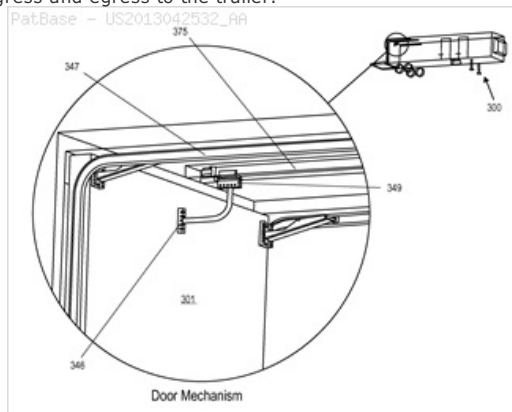
© PatBase

Title: PNEUMATIC DOOR OPENING AND SECURITY SYSTEM

Abstract: A pneumatic door system and a method of using the same are disclosed herein. According to one embodiment, a trailer may include a seamless main door and at least one side door. The doors may be configured to be locked shut with a system of pneumatic locks. The main door may be configured to open and close as controlled by pneumatic pressure applied to a door cylinder. The pneumatic system may be configured to be controlled by an interior control box. The pneumatic system may be configured to operate off of pneumatic pressure in an auxiliary air tank, the pressure being protected by a series of one-way check valves. The pneumatic system may also be configured to operate wirelessly using RFID or Bluetooth technology, among other things, to secure the cargo and facilitate ingress and egress to the trailer.

Classifications:

International (IPC 8-9): B32B27/06 B32B27/30 B32B27/32 B32B5/18 B60J5/00 B60J5/10 B60J5/12 E05B81/10 E05C19/16 E05D15/16 E05D15/24 E05F15/00 E05F15/02 E05F15/20 E05F15/50 E05F15/59 E05F15/77 E06B3/44 E06B3/48 E06B3/80 E06B5/00 E06B9/58 G07C9/00 (Advanced/Invention); E05D15/16 E06B3/70 E06B3/80 F25D23/02 (Advanced/Non-invention)
CPC: E05D15/16 F25D23/021 E05F15/50 E05F15/59 B60J5/108 B60J5/12 G07C9/00007 E05F15/77 Y10T292/11 E05D15/24 E06B3/4407 E06B5/00 B32B27/304 B32B27/065 B32B27/32 B32B5/18 E05Y2900/106 E05Y2900/516 E06B2003/7044 E06B3/80 B32B2262/101 B32B2266/0221 B32B2266/025 B32B2266/06 B32B2266/08 B32B2307/304 B32B2419/00 E05B81/10 E06B2003/7051
US: 1/1 160/201 160/327 292/251.5 340/5.64 49/197 49/324 49/357 49/506 52/204.1 52/309.14 52/309.9 52/796.1



Family:

Publication number	Publication date	Application number	Application date
US2013042532 AA	20130221	US20120586021	20120815

US2013042983 AA	20130221	US20120585994	20120815
US2015225991 AA	20150813	US20150692817	20150422
US2016024837 AA	20160128	US20150875577	20151005
US9045919 BB	20150602	US20120586021	20120815
US9151084 BB	20151006	US20120585994	20120815
US10066434 BB	20180904	US20150875577	20151005

Priority:

US20110523786P 20110815 US20120585994 20120815 US20120586021 20120815
US20150692817 20150422 US20150875577 20151005

Probable Assignee: COLD CHAIN LLC

Assignee(s): (std): ARAGON DANIEL M ; CASH JOHN C ; COLD CHAIN LLC ; LINDSEY TODD J ; PREHN JOHN J ; PREHN JOHN T ; WACHTELL PETER J

Inventor(s): (std): LINDSEY TODD J ; CASH JOHN C ; PREHN JOHN T ; ARAGON DANIEL M ; WACHTELL PETER J ; PREHN JOHN J

Agent(s): MH2 TECHNOLOGY LAW GROUP LLP; FOLEY AND LARDNER LLP

64) Family number: 50907121 (US2013036781A)

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Title: STATUS DETECTOR AND COMMUNICATION UNIT AND SYSTEM FOR REMOTE TRACKING OF PADLOCKS

Abstract: A status detector and communication unit (20) for a padlock (10) having a body (11) and a shackle (12) at least one end (14) of which can be latched to and released from the body. The status detector and communication unit includes a casing (21) adapted to be securely retrofitted to the padlock so as to form a compact assembly without obscuring an operating mechanism (17) of the padlock, and a battery powered circuit (22) contained within the casing for co-operating with the shackle of the padlock for transmitting a signal indicative of a status of the shackle to a remote monitoring unit (93). The invention allows remote monitoring of a conventional padlock with little or no modification of the padlock.

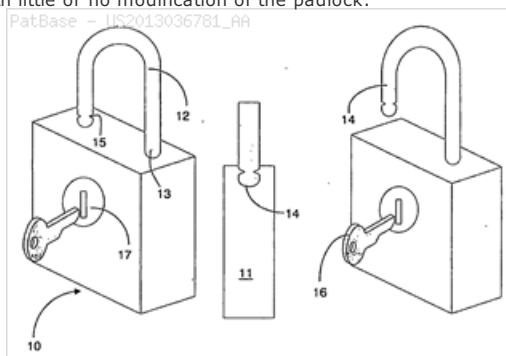
Classifications:

International (IPC 8-9): E05B17/00 E05B39/00 E05B45/00
E05B45/06 E05B45/08 E05B67/38 G08B1/08
G08B21/00 (Advanced/Invention)

CPC: E05B45/06 E05B45/08 E05B45/083 E05B39/00 E05B45/005
E05B67/38 E05B2047/0096 Y10T70/459 Y10T70/80

European: E05B39/00 E05B45/00C E05B67/38 P05B47/00R2

US: 340/539.1 340/539.13 340/542 340/686.1 70/38A 70/431



Family:

Publication number	Publication date	Application number	Application date
CN103282591 A	20130904	CN201180057075	20110501
CN103282591 B	20160217	CN201180057075	20110501
EP2622154 A1	20130807	EP20110727553	20110501
US2013036781 AA	20130214	US20110521013	20110501
US8779933 BB	20140715	US20110521013	20110501
WO12042515 A1	20120405	WO20111L00349	20110501
WO12042515 A4	20120518	WO20111L00349	20110501

Priority:

US20100404105P 20100928 US20110521013 20110501 WO20111L00349 20110501

Probable Assignee: MUL T LOCK TECHNOLOGIES LTD

Assignee(s): (std): HARTMANN AVI ; HARTMANN URI ; KEDEM DORON ; MUL T LOCK TECHNOLOGIES LTD ; STARCOM GPS SYSTEMS LTD

Inventor(s): (std): HARTMANN URI ; KEDEM DORON ; HARTMANN AVI

Agent(s): WOLF ECKHARD; SEED IP LAW GROUP PLLC; WOLF BREGMAN AND GOLLER

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

65) Family number: 55622122 (US2014014008A)

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Title: APPARATUS AND ASSOCIATED METHOD FOR DELIVERING AND RECEIVING A PACKAGE

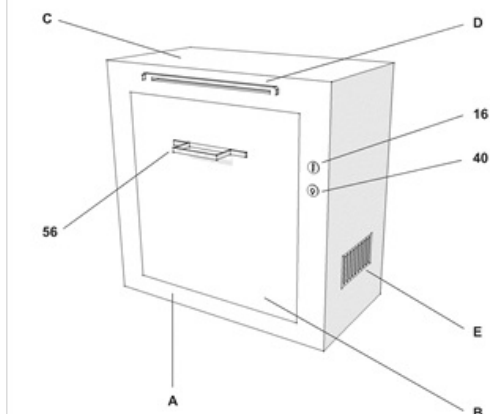
Abstract: An apparatus, and associated method, facilitates delivery of a package to a recipient. A personal package box is installed at a destination location. The box contains a locking device that permits a delivery person to secure the package, once delivered. An identifier is maintained at the personal package box. The delivery person records the delivery of the package, using the identifier to identify the location of the delivery. An indication of the delivery is sent to the recipient to alert the recipient of the delivery.

Classifications:

International (IPC 8-9): E05G1/02 (Advanced/Invention)

CPC: E05G1/02

US: 1/1 109/23

**Family:**

Publication number	Publication date	Application number	Application date
US2014014008 AA	20140116	US20130940724	20130712
US9371681 BB	20160621	US20130940724	20130712

Priority:

US20120670811P 20120712 US20130940724 20130712

Probable Assignee: TOMPKINS BLAINE KEVIN

Assignee(s): (std): TOMPKINS BLAINE KEVIN

Inventor(s): (std): TOMPKINS BLAINE KEVIN

66) Family number: 65077128 (US2017061095A)

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Title: SYSTEM AND METHOD FOR BEDSIDE MEDICATION DISPENSING

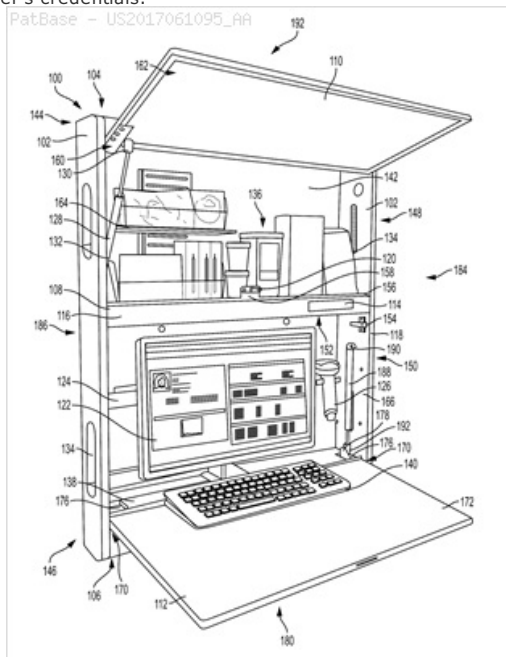
Abstract: A medical enclosure includes a frame that defines an enclosure for storing medical supplies. An electronic controller is integrated with the frame and configured to receive access credentials from a user. At least one door covers the enclosure, the door having a latch for securing the door to the frame, the latch being arranged to selectively lock and unlock the door in response to commands from the electronic controller. The electronic controller is programmed to unlock the door to provide access to the medical supplies to the user based on the user's credentials.

Classifications:

International (IPC 8-9): A47B81/00 A61G12/00 A61J7/00 E05B47/00 E05B65/52 G06F19/00 G06Q50/22 G07C9/00 (Advanced/Invention)

CPC: G06F19/3462 G16H10/60 G07C9/00174 G07C9/00896

US: 700/237

**Family:**

Publication number	Publication date	Application number	Application date
AU2016222374 AA	20170316	AU20160222374	20160831
CA2941561 AA	20170228	CA20162941561	20160831
US2017061095 AA	20170302	US20160250378	20160829

US20160250378 20160829

Agent(s): FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; RIDOUT AND MAYBEE LLP

[illegible]

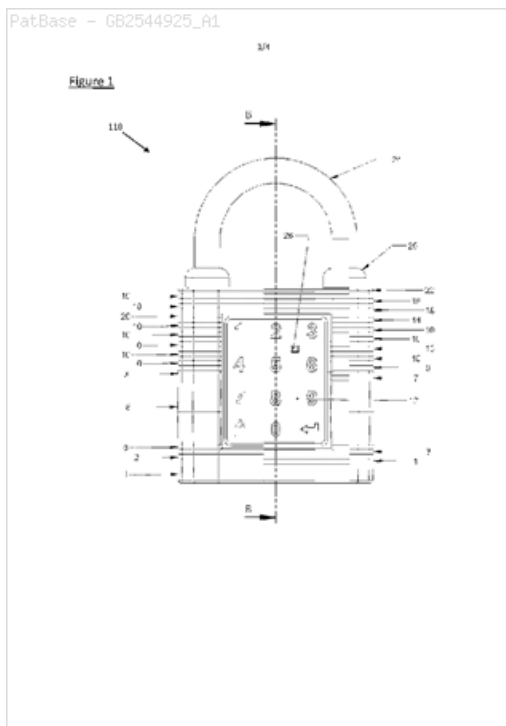
Publication number	Publication date	Application number	Application date
CA1009724 A1	19770503	CA19730183811	19731019
CA1039381 A1	19780926	CA19750226230	19750505
CA1039814 A1	19781003	CA19750224163	19750407
DE2514789 A1	19751009	DE19752514789	19750404
FR2275080 A1	19760109	FR19750010792	19750407
GB1427825 A	19760310	GB19730046997	19731009
GB1474667 A	19770525	GB19750016391	19750421
GB1492491 A	19771123	GB19750013508	19750402
JP49073299 A2	19740715	JP19730119026	19731024
JP51015901 A2	19760207	JP19750040476	19750404
JP51016198 A2	19760209	JP19750054359	19750508
US3829833 A	19740813	US19720300098	19721024
US3911397 A	19751007	US19740468486	19740509
US3924065 A	19751202	US19740458330	19740405

US19740468486 19740509

Inventor(s): FREENY C US : FREENY CHARLES C : C FREENY JUN CHARLES : C FREENY JUN

Classifications:

International (IPC 8-9): E05B39/00 E05B39/04 E05B45/00 E05B45/06 E05B67/00 (Advanced/Invention)
CPC: E05B45/005 E05B67/063 E05B39/005 E05B47/0012 E05B67/02 E05B2047/0058 E05B2047/0093 E05B2047/0094 E05B2047/0096 E05B39/04 E05B45/06 E05B67/00



Family:

Publication number	Publication date	Application number	Application date
GB201500360 A0	20150225	GB20150000360	20150109
GB201703141 A0	20170412	GB20170003141	20150109
GB2533964 A1	20160713	GB20150000360	20150109
GB2544925 A1	20170531	GB20170003141	20150109
GB2544925 B2	20171018	GB20170003141	20150109

Priority:

GB20150000360 20150109 GB20170003141 20150109

Probable Assignee: PROTRAK SOLUTIONS LTD

Assignee(s): (std): PROTRACK SOLUTIONS LTD ; PROTRAK SOLUTIONS LTD

Inventor(s): (std): BRIAN JOHN EGERTON ; KEVIN POPE ; TRACEY POPE

69) Family number: 30321140 (US2006053849A)

© PatBase

Title: LOCKING MECHANISM

Abstract: A locking mechanism which includes a locking member which is movable between a locked position and an unlocked position, a retaining device which is movable between a first position at which movement of the locking member from the locked position to the unlocked position is prevented and a second position at which movement of the locking member from the locked position to the unlocked position is allowed, and an actuator for moving the retaining device between the first and second positions.

Classifications:

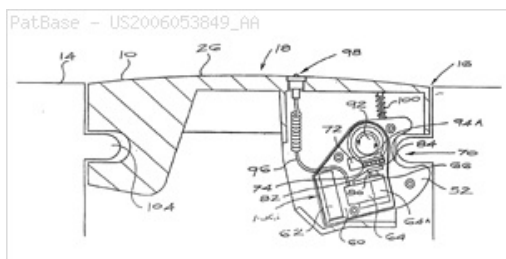
International (IPC 8-9): E02D29/14 E05B43/00 E05B47/00 E05B47/06 (Advanced/Invention); E02D29/14 E05B43/00 E05B47/00 E05B47/06 (Core/Invention); E02D E05B (Subclass/Non-invention)

International (IPC 1-7): E02D29/14 E05B47/06

CPC: Y10T70/5562 Y10T70/5584 Y10T70/7017 E05B47/0012 E02D29/1427 E05B47/0002 E05B47/0603 E05B2047/0016

European: E02D29/14D E05B47/00A4 E05B47/06 E05B47/06A P05B47/00A1 P05B47/00A5C1

US: 404/25 70/163 70/168 70/269 70/269P



Family:

Publication number	Publication date	Application number	Application date
AU2003270927 AA	20040303	AU20030270927	20030815
US2006053849 AA	20060316	US20050057382	20050215
US7243515 BB	20070717	US20050057382	20050215
WO04016889 A1	20040226	WO2003ZA00113	20030815
ZA200502106 A	20060927	ZA20050002106	20050310

Priority:

ZA20020006521 20020815 WO2003ZA00113 20030815 ZA20050002106 20050310

Probable Assignee: MEYER CARL

Assignee(s): (std): MEYER CARL

Inventor(s): (std): MEYER CARL ; CARL MEYER

Agent(s): JONES TULLAR AND COOPER PC

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

70) Family number: 43614140 (DE202008004158U1)

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Title: Hochsicherheits Containerverschlussystem High security container closure system (Machine translation)

Abstract: Source: DE202008004158U1 [DE] (Claim 1) 1. Die Hochsicherheits Containersicherung ist dadurch gekennzeichnet, dass eine Hochsicherheits Containersicherung zum Verschliessen und Sichern von Tueren n Container und Behaeltern ist dadurch gekennzeichnet das diese innerhalb der Container und Behaelter montiert ist.

Machine translation: (Claim 1) 1. High security container safety device is characterized by the fact that a high security container safety device for locking and protection of doors n container and containers is thereby marked the this within the containers and container is installed.

Classifications:

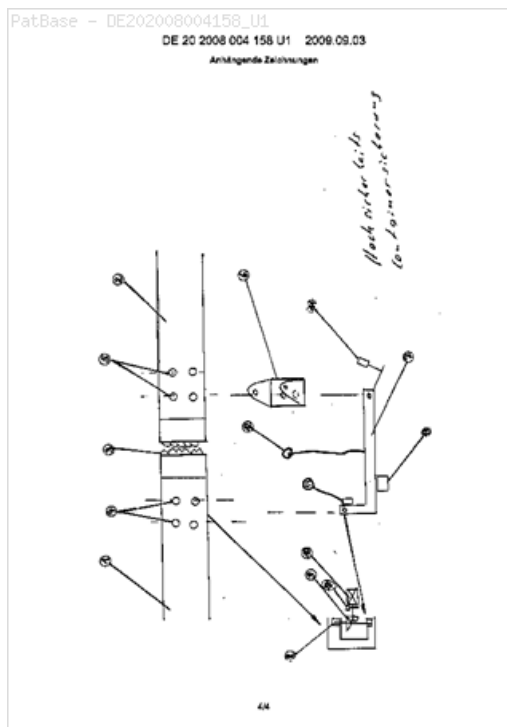
International (IPC 8-9): E05B47/00 E05B49/00

E05B65/00 (Advanced/Invention)

CPC: E05B47/02 E05B83/02 E05B2047/0094 E05C7/04 E05C19/003

European: E05B47/02 E05B83/02 E05C19/00C E05C7/04

P05B47/00R



Family:

Publication number	Publication date	Application number	Application date
DE202008004158 U1	20090730	DE200820004158U	20080327

Priority:

DE200820004158U 20080327

Probable Assignee:

HUEBNER BURKHARD

Assignee(s): (std):

HUEBNER BURKHARD

71) Family number: 54770143 (WO13135347A1)

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Title: CLOSING SYSTEM FOR DOORS OF IN PARTICULAR STORAGE COMPARTMENTS IN AN AUTOMOBILE OR AIRCRAFT

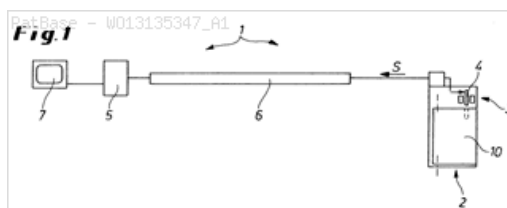
Abstract: The invention relates to a closing system (1) for doors (10) of in particular storage compartments (2) in an automobile or aircraft. In order to restrict unauthorised access and to enable monitoring of the closure status, the storage compartment (2) is provided with a lock (3), wherein the lock (3) has a latch (4) which can be actuated electromagnetically or by motor power and can be held in an open position (O) and in a closed position (V), wherein the closing system (1) also comprises a central control unit (5), wherein a bus system (6) is arranged between the lock (3) and the control unit (5), which bus system is designed to be able to transmit a signal (S) which is definitive for the closing status (O, V) of the lock (3) from the lock (3) to the control unit (5) and wherein the control unit (5) is designed to display the signal (S) which is definitive for the closing status (O, V) on a display device (7).

Classifications:

International (IPC 8-9): E05B47/00 E05B47/02

G07C5/08 (Advanced/Invention)

CPC: E05B47/0004 E05B2047/0069 E05B2047/0071 G07C9/00571



Family:

Publication number	Publication date	Application number	Application date
DE102012005142 A1	20130919	DE201210005142	20120313
WO13135347 A1	20130919	WO2013EP00610	20130302

Priority:

DE201210005142 20120313

Probable Assignee: SELL GMBH**Assignee(s):** (std): SELL GMBH**Inventor(s):** (std): WIEGAND THOMAS**Agent(s):** KROSS ULRICH**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW 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**72) Family number: 989147 (US3637277A)**

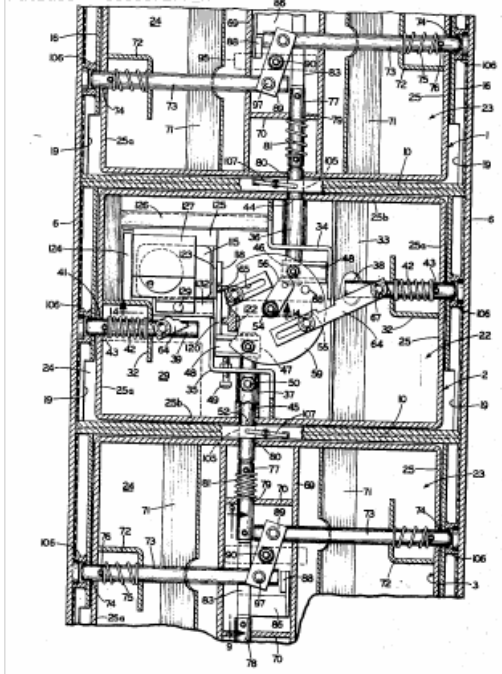
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Title: ENTRY RESISTANT SECURITY FILE CONSTRUCTION

Abstract: A security file which has a gang-lock bolt mechanism that extends vertically along and generally centrally of the drawer fronts of a plurality of drawers operated by a handle in a main drawer. The operating handle also operates horizontal bolts in the main drawer. There are mullions between the drawer fronts through which the gang-lock mechanism extends. When actuated to lock the drawers, the gang-lock bolts move a substantially greater distance vertically than the movement of the horizontal bolts in the main drawer. The other drawer heads of the plurality of drawers also have individually actuated horizontal bolts which lock their drawers automatically when the drawers are fully closed. Detents are provided which prevent horizontal bolt locking of any drawer unless such drawer is fully closed. Gang-lock stop devices also are provided which prevent actuation of the gang-lock mechanism unless all drawers are fully closed. Backup pins and relocking devices also are provided in various areas of the mechanism to impede access to or actuation of the mechanism if attacked by externally applied force. Protective devices also are provided to impede drilling of the ends of the lock bolts.

Classifications:**International (IPC 8-9):** E05B65/00 E05B65/46 (Advanced/Invention); E05B65/00 E05B65/44 (Core/Invention)**International (IPC 1-7):** E05B15/16 E05B65/00 E05B65/46 E05C15/04**CPC:** E05B65/462 E05B65/0082 Y10T70/7921 Y10T70/7949**European:** E05B65/00S4 E05B65/46C**US:** 312/217 70/417 70/422 704/170 704/220

PatBase - US3637277_A

**Family:**

Publication number	Publication date	Application number	Application date
US3637277 A	19720125	US19700002240	19700112

Priority:

US19700002240 19700112

Probable Assignee: DIEBOLD INC**Assignee(s):** (std): DIEBOLD INC**Inventor(s):** (std): KRUG NEWTON J ; MCCLAIN RICHARD B ; SHOOP JAMES D**Inventor(s):** RICHARD B MCCLAIN ; NEWTON J KRUG ; JAMES D SHOOP**73) Family number: 50933148 (US2012090452A)**

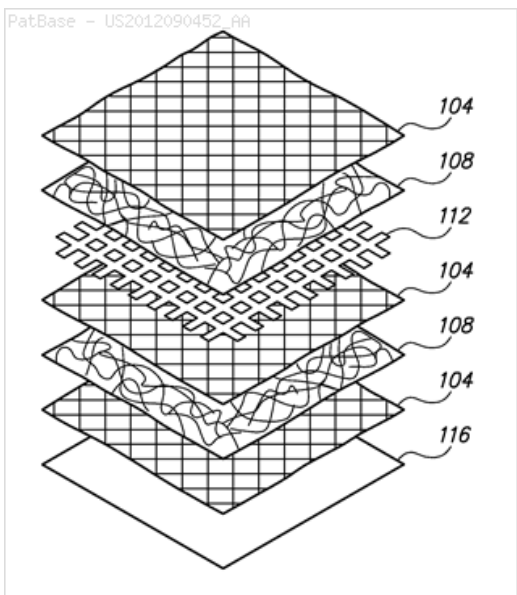
© PatBase

Title: BALLISTIC PANEL WITH CONFIGURABLE SHIELDING

Abstract: A ballistic panel provides protection from various munitions. The ballistic panel may be configured to conform to various contours and shapes. In this way, the ballistic panel may be used to create or replace traditional non-ballistic panels, such as those found in structures, vehicles, and device enclosures. The ballistic panel may comprise one or more layers of material including fiberglass, metal, mesh, ceramic, and natural and synthetic materials, among others. The ballistic panel may protect individuals, property, devices, and other assets from physical damage, electromagnetic radiation, and the like. The ballistic panel may be inexpensively constructed with low cost materials and manufacturing processes.

Classifications:**International (IPC 8-9):** B32B38/00 E05B65/20 F41H5/04 G09G (Advanced/Invention)**CPC:** F41H5/0421 B29C70/46 B29C70/885 B29K2995/0089

B32B5/26 B32B15/14 B32B15/18 B32B38/08 B32B2262/101
B32B2307/21 B32B2315/085 B32B2571/02 F41H5/0428 F41H5/0457
Y10T70/5889
European: B29C70/46 B29C70/88A2 B32B15/14 B32B15/18
B32B5/26 F41H5/04C2 F41H5/04C4 F41H5/04D4 L29K995/00F30
L32B262/10A L32B307/210 L32B315/08B L32B38/08 L32B571/02
US: 156/245 156/245S 70/237 70/237S 89/36.02 89/36.020P 89/904
89/904S 89/910 89/910S 89/914 89/914S



Family:

Publication number	Publication date	Application number	Application date
IN00723CH2011 A	20120420	IN2011CH00723	20110310
US2012090452 AA	20120419	US20100905900	20101015

Priority:

US20100905900 20101015

Probable Assignee: SUDHAKAR ASHOK EM
Assignee(s): (std): SUDHAKAR ASHOK EM
Assignee(s): ASHOK EM SUDHAKAR
Inventor(s): (std): SUDHAKAR ASHOK EM
Inventor(s): ASHOK EM SUDHAKAR

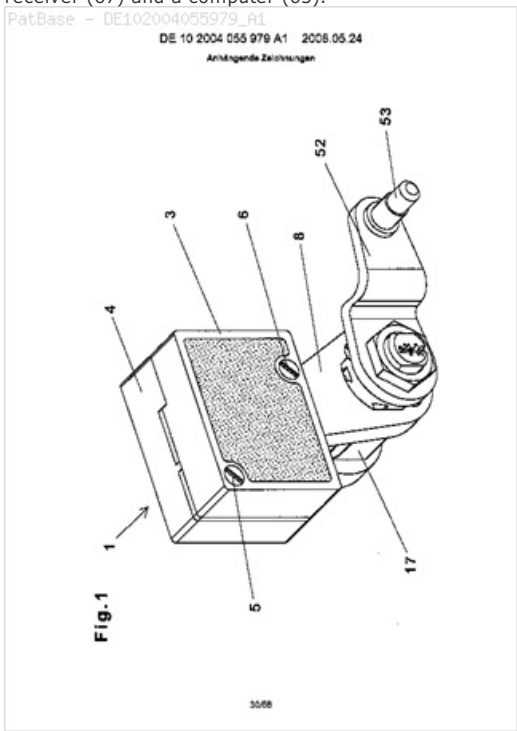
74) Family number: 33027156 (DE102004055979B4) © PatBase

Title: LOCK FOR A SAFE OR CASH DISPENSER AND THE LIKE, WITH A MECHANICAL LOCKING MECHANISM, HAS AN ADDITIONAL LOCK WITH A MOTOR DRIVE OPERATED BY A PORTABLE DATA CAPTURE/INPUT UNIT THROUGH A COMPUTER

Abstract: The lock for a safe, cash or merchandise dispenser and the like, has a conventional mechanical locking mechanism and an additional lock (58) operated and controlled by an electrical and/or electronic motor drive (87) for movement between locked and unlocked settings. The system works with a portable data capture or input unit (66) with software memory (82) and monitor (84), an infra red connection to a receiver (67) and a computer (63).

Classifications:

International (ipc 8-9): E05B27/00 E05B47/06 E05B63/14
G07F9/00 (Advanced/Invention);
E05B27/00 E05B47/06 E05B63/00 G07F9/00 (Core/Invention)
CPC: E05B47/0011 E05B47/063 G06Q20/327 G07F11/72 G07F17/10
E05B17/147
European: E05B47/06C E05B47/06C4R1 G06Q20/327 G07F11/72
G07F17/10 P05B47/00A3



Family:

Publication number	Publication date	Application number	Application date
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DE102004055979 A1	20060524	DE200410055979	20041119
DE102004055979 B4	20060706	DE200410055979	20041119

Priority:

DE200410055979 20041119

Probable Assignee: JUL NIEDERDRENK GMBH AND CO KG

Assignee(s): (std): JUL NIEDERDRENK GMBH AND CO KG

Inventor(s): (std): KEMMANN PETER

75) Family number: 33027157 (DE102004055980B4)

© PatBase

Title: Locking device for vending machine`s container, has blocking device moveable between open and blocking positions by motor drive, and electronic component e.g. processor, comprises access data for authorization of control of blocking device

Abstract: The device has a blocking device (35) movable between open and blocked position by an electronically controllable motor drive (37). A housing comprises chambers that are separated from each other. The drive is provided in one of the chambers, and electronic components e.g. processor, for the drive is provided in another chamber. The processor comprises access data for authorization of control of the blocking device.

Classifications:

International (IPC 8-9): E05B27/00 E05B47/00 E05B47/06

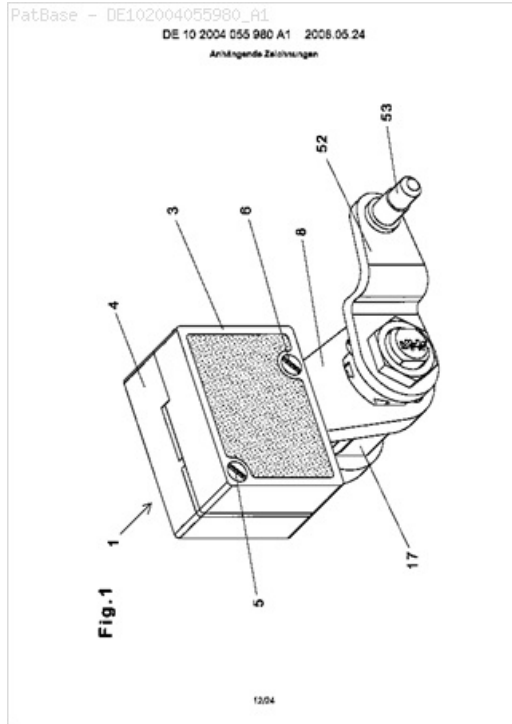
E05B63/14 E05B65/00 (Advanced/Invention);

E05B27/00 E05B47/00 E05B47/06 E05B63/00

E05B65/00 (Core/Invention)

CPC: E05B47/0011 E05B47/063 G07F5/26 G07F9/00

European: E05B47/06 E05B47/06C E05B47/06C4R1 G07F5/26
G07F9/00 P05B47/00A3



Family:

Publication number	Publication date	Application number	Application date
DE102004055980 A1	20060524	DE200410055980	20041119
DE102004055980 B4	20060629	DE200410055980	20041119

Priority:

DE200410055980 20041119

Probable Assignee: JUL NIEDERDRENK GMBH AND CO KG

Assignee(s): (std): JUL NIEDERDRENK GMBH AND CO KG

Inventor(s): (std): KEMMANN PETER

76) Family number: 1486161 (US4361351A)

© PatBase

Title: MANUALLY CLOSABLE SEAL

Abstract: A seal body formed of a pot-shaped element or housing and a cover contains a compartment within which there is inserted a holder. The holder comprises a substantially U-shaped metallic element having leg members from which protrude resilient tongues directed away from the holder ends towards the center region of the holder. The tongues extend at an inclination towards the oppositely situated holder leg or leg member. For each leg member there are provided two tongues and, in each case, one of the tongues of one of the leg members intersects, in the hollow space between the leg members, with one of the tongues of the other leg member and forms a locking or blocking element. Coacting with such locking element are catch elements provided at both ends of a metallic strip. These catch elements are formed by openings. If one end of the strip is introduced into a receiving opening of the seal body and which opening is accommodated to the dimension of the strip end, and into the space between the leg members of the holder, then the opening is caught at the tongues of the one locking element and no longer can be retracted. To close the seal the other end of the metallic strip is guided into the seal body between the tongues of the other locking element until it is irreversibly caught by means of its strip opening in the same manner.

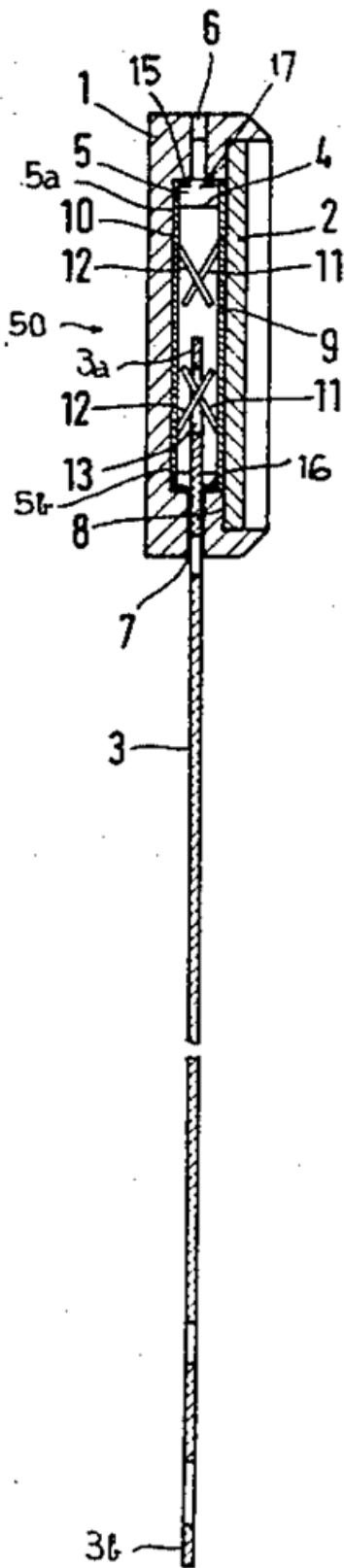
Classifications:

International (IPC 8-9): E05B17/20 G09F3/03 (Advanced/Invention);

G09F3/03 (Core/Invention)

International (IPC 1-7): B65D33/34 B65D55/06 E05C13/02

G09F3/00 G09F3/03



Family:

Publication number	Publication date	Application number	Application date
BE883817 A	19801001	BE19800201033	19800613
CA1158846 A1	19831220	CA19800354707	19800625
CH643079 A	19840515	CH19790006080	19790629
DE3021611 A1	19810129	DE19803021611	19800609
FR2460513 A1	19810123	FR19800013295	19800616
FR2460513 B1	19841026	FR19800013295	19800616
GB2051942 A1	19810121	GB19800019244	19800612
GB2051942 B2	19830112	GB19800019244	19800612
IT1131392 A	19860618	IT19800023066	19800626
IT8023066 A0	19800626	IT19800023066	19800626

Priority:

CH19790006080 19790629 CA19800354707 19800625

Probable Assignee: STOBA AG

Assignee(s): (std): STOBA AG

Assignee(s): STOBA AGAF ; STOBA TE HORN ZWITSERLAND AG ; SPIRIG WALTER ; STOBA A G ; STOBA A G TE HORN ZWITSERLAND

Inventor(s): (std): SPIRIG W ; SPIRIG WALTER ; WALTER SPIRIG

Inventor(s): SPIRIG WALTERCH ; W SPIRIG

Agent(s): BORDEN LADNER GERVAIS LLP

77) Family number: 44006165 (US2009322510A)

© PatBase

Title: SECURING, MONITORING AND TRACKING SHIPPING CONTAINERS

Abstract: A method of securing a container includes inserting, into a seal device at a container, an electronic bolt; reading, by the seal device, a serial number stored in the electronic bolt; communicating, from the seal device, to a user application, insertion of the bolt; scanning, by the user via a handheld device, a barcode on the seal device representative of an identification of the seal device; communicating, from the handheld device to the user application, the identification of the seal device; inputting, by a user at the container via the handheld device, information associated with the container; communicating, from the handheld device to the user application, the information associated with the container; associating, in a database by the user application, the information associated with the container with the bolt serial number and the identification of the seal device; communicating, by the user application, a confirmation to the seal device.

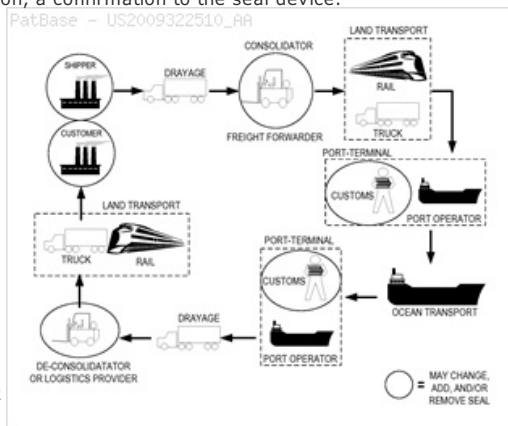
Classifications:

International (IPC 8-9): A61B17/70 A61B17/88 E05B45/06 E05B47/00 E05B49/00 E05B65/06 E05B65/14 G06Q10/00 G06Q10/08 G06Q30/00 G06Q50/00 G08B1/08 G08B13/06 G08B13/14 H04B7/00 H04B7/26 H04L12/12 H04L12/26 H04L12/28 H04L12/56 H04M11/00 H04M3/42 H04Q5/22 H04W24/00 H04W28/16 H04W3/00 H04W4/00 H04W4/04 H04W4/22 H04W4/90 H04W40/00 H04W60/00 H04W8/08 H04W84/18 H04W88/00 H04W88/06 H04W88/16 H04W92/02 (Advanced/Invention); H04J1/16 (Advanced/Non-invention); A61B17/70 E05B45/00 E05B47/00 E05B49/00 E05B65/06 E05B65/12 G06Q10/00 G06Q50/00 G08B1/00 G08B13/14 H04B7/00 H04L12/12 H04L12/56 H04W24/00 H04W28/16 H04W4/00 H04W4/02 H04W4/22 H04W8/02 H04W88/00 H04W92/00 (Core/Invention)

CPC: G08B13/1427 G06Q30/0645 G07B15/00 G07C5/008 H04W40/02 H04W92/02 H04L45/122 H04L45/124 H04L45/20 H04L45/54 H04W40/246 H04W40/248 H04W40/32 H04W40/2 H04W4/20 H04L45/02 H04W40/24 H04L67/18 H04L67/24 A61B17/7011 A61B17/7029 A61B17/8869 Y10T70/5199 Y10T70/5212 G09F3/0317 G08B13/08 G08B13/126 G09F3/0329 G09F3/0376 G06Q10/0833 H04W60/00 H04W84/18 H04Q2213/13095 H04W4/90 H04W4/50 H04L43/00 G06Q10/08 G06Q10/06 G06Q50/265

European: A61B17/70B1G A61B17/70B1R10D A61B17/88L G06Q10/06 G06Q10/08 G06Q30/0645 G06Q50/265 G07B15/00 G08B13/08 G08B13/12H G08B13/14D G09F3/03A2 G09F3/03A4 G09F3/03B H04L29/08N17 H04L29/08N23 H04L45/02 H04L45/122 H04L45/124 H04L45/20 H04L45/54 H04W4/02 H04W4/20 H04W40/24 H04W40/24D H04W60/00 H04W84/18 H04W92/02 S07C5/00T T04Q213/13095 T04W4/00A T04W40/02 T04W40/24U T04W40/32 T04W84/18

US: 1/1 340/10.1 340/10.100P 340/539.1 340/539.100P 340/539.13 340/542 340/542P 340/545.6 340/568.1 340/568.100S 340/571 340/572.1 340/572.100S 340/572.8 340/572.9 340/693.9 370/229 370/238 370/252 370/254 370/254P 370/255 370/310 370/328 370/328S 370/329 370/338 370/338P 370/389 370/400 370/400P 370/401 455/39 455/404.1 455/404.2 455/41.2 455/416 455/456.1 455/521 455/521P 455/522.1 455/552.1 606/254 606/256 606/256P 606/258 70/101 70/104 70/104S 705/307 705/307P 705/325 705/325S 705/333 705/8 705/8S



Family:

Publication number	Publication date	Application number	Application date
CA2778905 AA	20100826	CA20092778905	20091029
EP2376008 A1	20111019	EP20090801630	20091222
US2009322510 AA	20091231	US20090468047	20090518
US2010013635 AA	20100121	US20090468045	20090518
US2010144383 AA	20100610	US20090609009	20091029
US2010145865 AA	20100610	US20090609008	20091029
US2010150026 AA	20100617	US20090608837	20091029
US2010150122 AA	20100617	US20090607040	20091027
US2010160967 AA	20100624	US20090644708	20091222
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US2016300183 AA	20161013	US20160194148	20160627
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US2019141781 AA	20190509	US20190238471	20190102
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US8315237 BB	20121120	US20090607040	20091027
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US10194486 BB	20190129	US20180870265	20180112
WO09140669 A2	20091119	WO2009US44277	20090516
WO09140669 A3	20100325	WO2009US44277	20090516
WO09151877 A2	20091217	WO2009US44276	20090516
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Priority:

US20080053665P	20080516	US20080109494P	20081029	US20080109496P	20081029
US20080109500P	20081029	US20080109502P	20081029	US20080109505P	20081030
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WO2009US44276	20090516	WO2009US44277	20090516	US20090468045	20090518
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US20190238471	20190102				

Probable Assignee: GOOGLE INC

Assignee(s): (std): DEPUY SYNTHES PRODUCTS LLC ; ROBINS DAVID S ; KOOP LAMONTE PETER ; PAYNE EDWARD ALLEN ; GURGONE RAYMOND T ; EDWARDS RANDY ; HILTON RODNEY A ; BERGER THOMAS R ; CAPOZZOLI JOSEPH ; DENNY JOSEPH E ; GOOGLE INC ; GOOGLE LLC ; TWITCHELL ROBERT W ; WALLACE STEPHEN A ; TERAHOP NETWORKS INC ; SYNTHES GMBH ; SYNTHES USA LLC ; TWITCHELL JR ROBERT W

Assignee(s): TWITCHELL ROBERT ; BERGER THOMAS ; KOOP PETER LAMONTE ; HAND INNOVATIONS LLC ; DEPUY SPINE LLC ; KLJ CONSULTING LLC

Inventor(s): (std): ROBINS DAVID S ; DENNY JOSEPH E ; TWITCHELL ROBERT W ; BERGER THOMAS R ; KOOP LAMONTE PETER ; WALLACE STEPHEN A ; PAYNE EDWARD ALLEN ; GURGONE RAYMOND T ; TWITCHELL JR ROBERT W ; EDWARDS RANDY ; HILTON RODNEY A ; CAPOZZOLI JOSEPH ; BERGER THOMAS ; KOOP PETER LAMONTE ; TWITCHELL ROBERT

Agent(s): BENOIT AND COTE ASSOCIES INC ; KLUNKER SCHMITT NILSON HIRSCH ; TILLMAN WRIGHT PLLC ; WOODCOCK WASHBURN LLP ; CHAD D ; JEREMY C ; BAKER AND HOSTETLER LLP ; MORRIS AND KAMLAY LLP ; COLBY NIPPER ; TILLMAN CHAD D ET AL ; WRIGHT JAMES D ; BAILEY DAVID R 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 TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

78) Family number: 41575168 (US2008053167A)

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Title: TEXTUAL COMBINATION LOCKING DEVICES AND METHODS

Abstract: A word-based combination locking device comprising a body, a locking mechanism and a plurality of wheels. The wheels rotate relative to the body and locking mechanism and display a plurality of letters across the device. The wheels and the letters are configured to simultaneously spell two or more words across the device.

Classifications:

International (IPC 8-9): B23P11/00 B23P17/00 E05B37/00

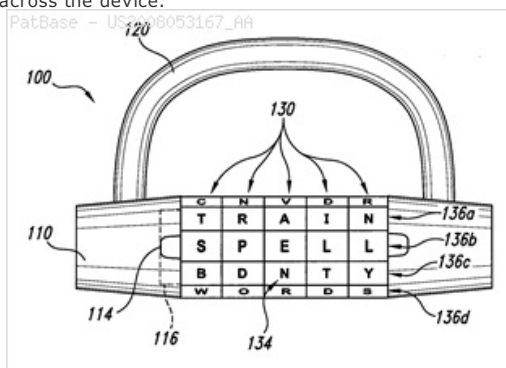
E05B37/02 (Advanced/Invention);

B23P17/00 E05B37/00 (Core/Invention)

CPC: E05B37/0048 E05B37/02 E05B37/025 E05B67/003 Y10T29/49 Y10T29/49826 Y10T29/4984 Y10T70/417 Y10T70/7153 Y10T70/7305 Y10T70/7322 E05B37/0058

European: E05B37/02B P05B67/00B

US: 29/428 29/428S 29/434 29/592 53/428 70/22 70/286 70/312 70/312P 70/315



Family:

Publication number	Publication date	Application number	Application date
CA2660723 AA	20090213	CA20072660723	20070223
EP2059645 A1	20090520	EP20070751618	20070223
MX2009002305 A1	20090528	MX20090002305	20070223
US2008053167 AA	20080306	US20070710245	20070223
US2011107802 AA	20110512	US20100831148	20100706
US2013118219 AA	20130516	US20120570149	20120808
WO08030269 A1	20080313	WO2007US04872	20070223

Priority:

US20060824446P 20060903 US20060824447P 20060903 US20070710245 20070223
WO2007US04872 20070223 US20100831148 20100706 US20120570149 20120808

Probable Assignee: WORDLOCK INC

Assignee(s): (std): BASCHE TODD ; WORDLOCK INC ; WORDLOCK LLC

Assignee(s): AGILITY CAPITAL II LLC ; BANK OF MONTREAL ADMINISTRATIVE AGENT AS

Inventor(s): (std): BASCHE TODD

Inventor(s): TODD BASCHE

Agent(s): OYEN WIGGS GREEN AND MUTALA LLP; SCHUSTER THOMAS; PERKINS COIE LLP, PATENT-SEA;
PERKINS COIE LLP PATENT SEA; WOOLSTON ROBERT G ET AL

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 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 MG MK ML MN MR 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 SV SY SZ TD TG TJ
TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

79) Family number: 67736169 (EP3252324A1)

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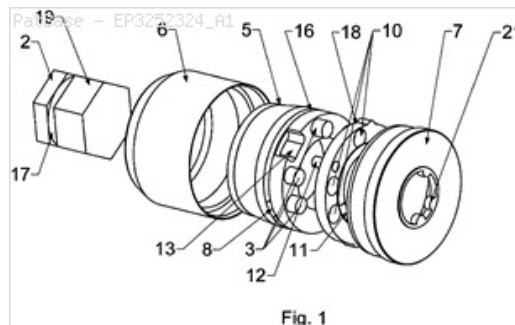
Title: ACCESS BARRIER FOR MOUNTING ON AN ELEMENT FOR FIXING OR LOCKING DISPOSITIF DE BLOCAGE DESTINER A
FIXER OU VERROUILLER UN ELEMENT

Abstract: Source: EP3252324A1 [DE] Es wird eine Zugangssperre zum Aufsetzen auf ein Element (2, 2A, 2B) zum Befestigen oder Verriegeln mit einem magnetisch verriegelbaren und magnetisch entriegelbaren Sperrkörper (1) zum Aufsetzen auf das Element (2, 2A, 2B) vorgeschlagen, wobei eine Drehbewegung des Sperrkörpers (1) durch zumindest einen bewegbaren Sperrmagneten (3) sperrbar und freigebbar ist, wobei der Sperrkörper (1) in einer Verriegelungsposition des Sperrmagneten (3) formschlüssig mit dem Element (2, 2A, 2B) verbunden ist und in einer Entriegelungsposition von dem Element (2, 2A, 2B) entferntbar ist, wobei der Sperrkörper (1) zumindest abschnittsweise mit magnetisierbarem Material zum Beeinflussen der magnetischen Feldlinien des schwimmend gelagerten Sperrmagneten (3) versehen ist, sodass der Sperrmagnet (3) in der Verriegelungsposition haltbar ist und wobei ein Betaetigungselement (4) mit zumindest einem mit dem zugeordneten Sperrmagneten (3) korrespondierenden Betaetigungsmagnet (3A) zum Entriegeln des Sperrkörpers (1) vorgesehen ist.

Machine translation: It is an access lock for setting up an element (2, 2A, 2B) for securing or interlocking with a entriegelbaren magnetically lockable and magnetically ratchet body (1) for placing on the element (2, 2A, 2B) is proposed, wherein a rotational movement of the locking body (1) by at least one movable locking magnet (3) sperrbar and releasably, wherein the locking body (1) in a locking position of the locking magnet (3) in a form-fitting manner with the element (2, 2A, 2B) and in a release position of the element (2, 2A, 2B), wherein the blocking element is removable body (1) at least in sections with magnetizable material to influence the magnetic field lines of the magnet (3) that is mounted in a floating manner blocking, so that the blocking magnet (3) in the locking position is tough and wherein an actuator element (4) having at least one with The associated blocking magnet (3) corresponding operating magnet (3A) to unlock the locking body (1) is provided.

Classifications:

International (IPC 8-9): E05B47/00 F16B41/00 (Advanced/Invention)
CPC: F16B41/005 E05B13/001 E05B35/008 E05B47/0038 E05C3/042
E05C9/02 B60B3/165 B60B2900/3318



Family:

Publication number	Publication date	Application number	Application date
EP3252324 A1	20171206	EP20160172834	20160603

Priority:

EP20160172834 20160603

Probable Assignee: TECHNO CONSULT GMBH AND CO KG

Assignee(s): (std): TECHNO CONSULT GMBH AND CO KG

Inventor(s): (std): WALLNER MANFRED

Agent(s): NAESSENS STEPHAN

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO
PL PT RO RS SE SI SK SM TR

80) Family number: 29445171 (US5307657A)

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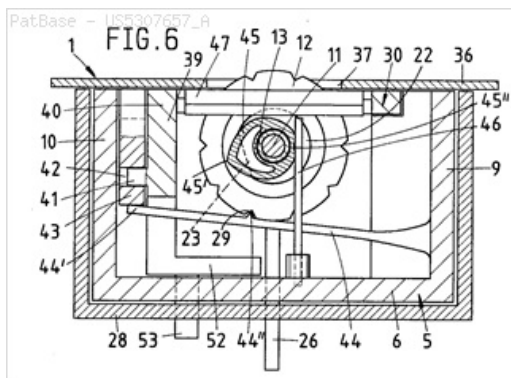
Title: PERMUTATION LOCK, IN PARTICULAR FOR TRUNKS PIECES OF FURNITURE OR THE LIKE

Abstract: A permutation lock, in particular for suitcases or the like, having a plurality of number disks (12) which can be turned by rotation into the combination opening position and an operating handle upon the opening displacement of which the combination set is changed. In order to obtain a simple solution which is advantageous in use, each number disk (12) has associated with it a cam (45) which turns the number disk into a given basic position other than the combination upon displacement of the operating handle (35).

Classifications:

International (IPC 8-9): E05B37/02 E05B37/12
E05B65/52 (Advanced/Invention);
E05B37/00 (Advanced/Non-invention);
E05B37/00 E05B65/00 (Core/Invention)

International (IPC 1-7): A45C13/10 E05B37/00 E05B37/02 E05B37/12 E05B65/52
CPC: Y10T70/7305 Y10T70/7316 Y10T70/7362 E05B37/02 E05B37/0075
European: E05B37/02
US: 70/312 70/314 70/322



Family:

Publication number	Publication date	Application number	Application date
AT125590 E	19950815	AT19920108211T	19920515
CN1080353 A	19940105	CN19931004091	19930408
DE59203015 D1	19950831	DE19925003015	19920515
DE9204996 U1	19921105	DE19920004996U	19920410
EP0515922 A1	19921202	EP19920108211	19920515
EP0515922 B1	19950726	EP19920108211	19920515
JP5179855 A2	19930720	JP19920156052	19920522
TW204389 B	19930421	TW19920103714	19920513
US5307657 A	19940503	US19920880178	19920506

Priority:

DE19910006464U 19910525 DE19920004996U 19920410 DE19925003015 19920515

Probable Assignee: FRANZEN INT INC

Assignee(s): (std): FRANZEN SOEHNE S ; FURANZEN SHIYOON GMBH AND CO S ; S FRANZEN SOHNE GMBH AND CO

Assignee(s): S FRANZEN SOHNE (GMBH AND CO) ; FRANZEN INT ; FRANZEN INT INC ; S FLEMISH CEN THORNE CO ; S FRANZEN SOEHNE GMBH AND CO ; S FRANZEN SOEHNE GMBH AND CO 42719 SOLINGEN DE ; S FRANZEN SOHNE ; S FRANZEN SOEHNE GMBH AND CO 5650 SOLINGEN DE ; S FURANZEN SHIYOON GMBH AND CO

Inventor(s): (std): HELMUT KLEIN ; HERUMUUTO KURAIN ; JURGEN SERSCH ; KLEIN HELMUT ; SERSCH JUERGEN ; SERSCH JURGEN ; YURUGEN ZARUSHIYU

Inventor(s): SERSCH JUERGEN W 5650 SOLINGEN 25 DE ; KLEIN HELMUT W 5620 VELBERT 1 DE

Designated states: AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

81) Family number: 42078172 (US2010077810A)

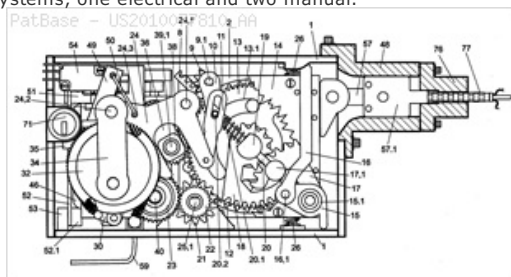
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Title: MULTIFUNCTIONAL LOCKING DEVICE AND SERVOMOTOR WITH ACTUATOR WHICH CAN BE UP WOUND UP AROUND AN INTERCHANGEABLE REEL

Abstract: The present invention relates to a locking device, a special actuator assembler and holder of an object in the state of rest besides being source of movement once integral with an object through an actuator having different shapes and lengths, wound up onto an appropriate and interchangeable reel fitted onto an engine driven shaft or stored. The locking function is switched on automatically when a force is applied. The function of servomotor to thrust and draw back is carried out through an actuator formed by two identical flexible and coiling sections whilst they slide separated inside a sheath; coming out of this and forced to assemble opposite and staggered they become stiff to hold and move. The held object is controlled by optic or electric signals transmitted by the actuators to the sensors for the measurement of events and break-into. The device has three clutched and reset locking and unlocking systems, one electrical and two manual.

Classifications:

International (IPC 8-9): B60R22/03 E05B47/00 E05B47/08 E05B49/02 E05F11/00 E05F15/12 F16G13/18 F16H1/00 F16H19/00 G01G15/00 G01G17/00 G01G23/37 (Advanced/Invention); B60R22/03 (Advanced/Non-invention); B60R22/02 E05B47/00 E05B49/02 E05F15/12 F16G13/00 F16H19/00 (Core/Invention); B60R22/02 (Core/Non-invention)
CPC: G01G17/00 G01G15/00 G01G23/3735 G01G23/3742 Y10T70/7051 Y10T70/7096 Y10T70/7102 Y10T70/7113 Y10T70/7136
European: G01G15/00 G01G17/00 G01G23/37W2 G01G23/37W2T
US: 242/899 49/325 70/275 70/275S 70/278.6 70/278.7 70/280 70/283.1 70/283.100P



Family:

Publication number	Publication date	Application number	Application date
EP2153001 A2	20100217	EP20080720228	20080131
ITBO20070066 A1	20080802	IT2007BO00066	20070201
US2010077810 AA	20100401	US20080525311	20080131
US8910499 BB	20141216	US20080525311	20080131
WO08093382 A2	20080807	WO2008IT00060	20080131
WO08093382 A3	20080918	WO2008IT00060	20080131

Priority:

IT2007BO00066 20070201 WO2008IT00060 20080131

Probable Assignee: DE FRANCESCHI DANIELE

Assignee(s): (std): DE FRANCESCHI DANIELE

Inventor(s): (std): DE FRANCESCHI DANIELE

Agent(s): JEROME D JACKSON JACKSON PATENT LAW OFFICE; JACKSON PATENT LAW OFFICE

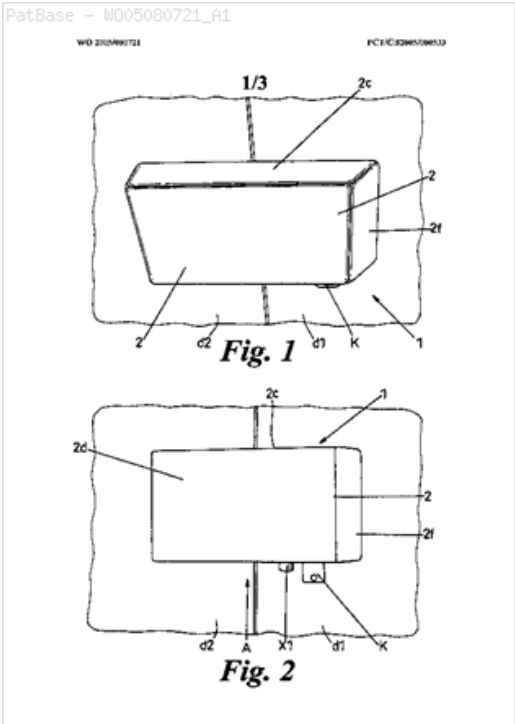
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ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

82) Family number: 30477172 (WO05080721A1) © PatBase

Title: LOCKING ARRANGEMENT

Abstract: Figures (2) and (6) show a locking arrangement (1) including a protective, padlock shroud or cover (2) of metal attached to a freight container door (d1) by securing bolts (not shown) passing through appropriately aligned holes in a rear plate of the cover and container door in a known manner. The locking arrangement (1) includes a locking projection or staple (S), generally of known form, fixed to container door (d2) in a generally known manner. The staple (S) is provided with a central, circular, through-hole (S1) of known form which is utilisable with but not limited to use with a known generally U-shaped, metal padlock (P). Figure (6) shows the padlock (P) in a first, unlocked position (P1) but still retained to the shroud (2) and in a second, locked position (P2). The padlock (P) is movable in the shroud (2) between locked and unlocked positions (P1, P2) by means of a cartridge or carrier (3) having a right-angled hook portion (3a) co-operable with a slide track or rail (4) extending parallel to the top wall (2c) of the shroud (2).

Classifications:
International (IPC 8-9): E05B67/38 (Advanced/Invention);
E05B65/16 (Advanced/Non-invention)
International (IPC 1-7): E05B67/38
CPC: E05B67/38 E05B83/12
European: E05B67/38 P05B83/12



Family:

Publication number	Publication date	Application number	Application date
GB200403309 A0	20040317	GB20040003309	20040216
GB2410978 A1	20050817	GB20040003309	20040216
GB2410978 B2	20070627	GB20040003309	20040216
WO05080721 A1	20050901	WO2005GB00533	20050216
WO05080721 B1	20051006	WO2005GB00533	20050216

Priority:

GB20040003309 20040216

Probable Assignee: JONES CONTAINER SERVICES LTD S

Assignee(s): (std): JONES ANDREW ; JONES CONTAINER SERVICES LTD S

Assignee(s): S JONES CONTAINER SERVICES LIMITED ; S JONES CONTAINER SERVICES LTD

Inventor(s): (std): JONES ANDREW

Inventor(s): ANDREW JONES

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 KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE 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

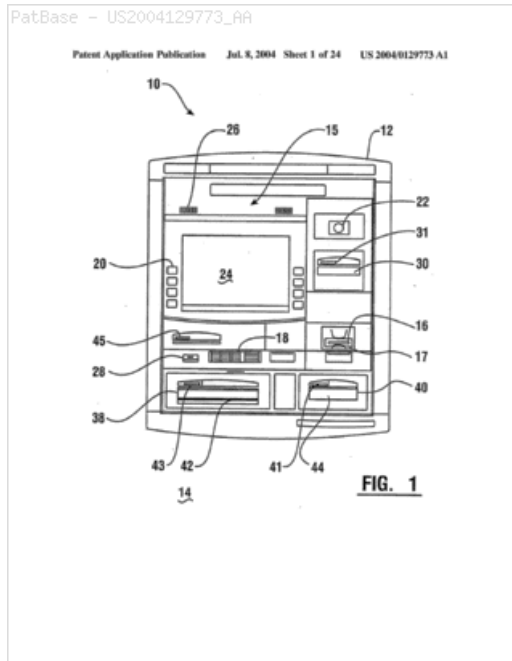
83) Family number: 30715174 (US2004129773A) © PatBase

Title: CASH DISPENSING AUTOMATED BANKING MACHINE WITH IMPROVED USER OBSERVATION CAPABILITIES

Abstract: An automated banking machine (10) includes a user interface (15) and a cash dispensing mechanism (220). A fascia of the machine (12) includes a pair of horizontally disposed convex mirrors (338, 340) which enables viewing an area (343) behind the user of the machine. Sensors are operative to determine when a mirror requires cleaning and to cause the mirror to be cleaned either by actuating a cleaning device and/or by contacting a remote servicer. Lights may be selectively directed and illuminated to reduce the risk of observation of inputs to the machine by unauthorized persons.

Classifications:

International (IPC 8-9): G06F19/00 G07F19/00 (Advanced/Invention); G06F19/00 G07F19/00 (Core/Invention)
International (IPC 1-7): E05G1/00 G06F17/60 G06F7/08 G07F7/08
CPC: G07F19/20 G07F19/205 G07F19/207 G06Q20/1085
European: G06Q20/1085 G07F19/00F G07F19/20 G07F19/205 G07F19/207
US: 235/379 235/379P 235/381 235/381S 705/43 902/13 902/14 902/8 902/9



Family:

Publication number	Publication date	Application number	Application date
US2004129773 AA	20040708	US20030738467	20031217
US2005263586 AA	20051201	US20050186112	20050720
US6966485 BB	20051122	US20030738467	20031217
US7222782 BB	20070529	US20050186112	20050720

Priority:

US20020434990P 20021219 US20030738467 20031217 US20050186112 20050720

Probable Assignee: DIEBOLD NIXDORF INC

Assignee(s): (std): DIEBOLD SELF SERVICE SYS ; DIEBOLD SELF SERVICE SYSTEMS D

Assignee(s): DIEBOLD SELF SERVICE SYSTEMS DIVISION OF ; DIEBOLD SELF SERVICE SYSTEMS DIVISION OF DIEBOLD I ; DIEBOLD SELF SERVICE SYSTEMS DIVISION OF DIEBOLD INC ; DIEBOLD SELF SERVICE SYSTEMS DIVISION OF ; DIEBOLD SELF SERVICE SYSTEMS DIVISION OF DIEBOLD IN ; DIEBOLD SELF SERVICE SYSTEMS DIVISION OF DIEBOLD INC ; JPMORGAN CHASE BANK NA ADMINISTRATIVE AGENT AS ; DIEBOLD NIXDORF INC

Inventor(s): (std): BOOTH JIM ; LUTE JR RICHARD C ; LUTE RICHARD C ; LUTE RICHARD C JR ; MAGEE PAUL ; NELSON DONALD S ; NELSON DONALD S JR ; NELSON JR DONALD S

Inventor(s): NELSON DONALD ; LUTE RICHARD ; NELSON DONALD SJR ; NELSON ; LUTE RICHARD CJR ; JR DONALD S ; JR RICHARD C ; LUTE

Agent(s): RALPH E JOCKE WALKER AND JOCKE LPA; WALKER AND JOCKE; RALPH E; DANIEL D

84) Family number: 59449177 (US2015159401A)

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Title: INTEGRATED DOOR LOCKING AND STATE DETECTION SYSTEMS AND METHODS

Abstract: Arrangements of integrated door lock and position sensor devices are presented. A wireless interface may be configured to wirelessly communicate with one or more remote computerized devices. A sensor may be incorporated into the device that detects when the door is open or closed. A lock may be incorporated into the device that, when engaged and the door is closed, prevents the door from being opened from at least one side of the door may be incorporated into the device. A controller may be configured to determine when the door is open, shut, locked, and/or unlocked using information from the lock and the sensor.

Classifications:

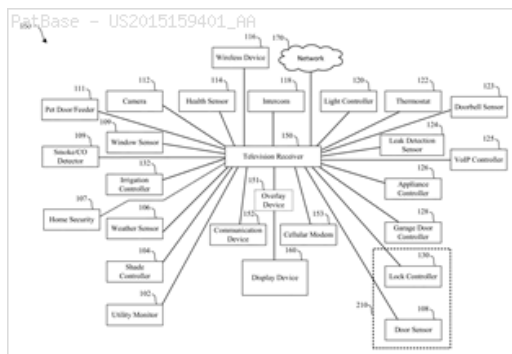
International (IPC 8-9): E03B7/07 E05B47/00 E05C1/02 G05B11/01 G05B15/02 G05B17/02 G05B19/042 G05D7/00 G06F17/00 G06F3/00 G06F3/048 G06K9/00 G07C9/00 G08B19/06 G08B23/00 G08B25/00 G08B25/08 G08B25/14 G08B29/18 G10L17/22 G6F17/00 G6F3/00 H04L12/28 H04M11/04 H04N21/235 H04N21/40 H04N21/41 H04N21/422 H04N21/426 H04N21/435 H04N21/436 H04N21/4363 H04N21/442 H04N21/45 H04N21/454 H04N21/472 H04N21/478 H04N21/61 H04N5/232 H04N5/44 H04N5/445 H04N7/18 H4M11/04 (Advanced/Invention); E05B47/00 G05B11/01 G05B15/02 G08B13/196 H04N21/436 H04N21/4363 (Advanced/Non-invention)

CPC: H04N5/445 G06K9/00771 H04N7/183 H04N5/23293 G08B25/001 G08B13/19682 G08B13/19684 G06K9/00335 G08B13/19602 G08B19/00 G08B25/008 G08B25/08 G08B25/14 H04L12/2827 H04N21/44213 H04N2005/44521 H05B37/0272 H05B37/029 E05B2047/0068 E05B2047/0069 E05B2047/0094 G07C9/00571 G07C2209/62 H04N21/43637 Y10T292/096 H04L12/2825 H04N21/4131 H04N21/422 H04N21/42202 G05B11/01 G05B15/02 G05B2219/2642 G10L17/22 H04L12/2803 H04L12/2816 H04L12/2838 H04N21/235 H04N21/4126 H04N21/4263 H04N21/435 H04N21/4532 H04N21/454 H04N21/47217 H04N21/478 H04N21/6143 H04N21/43615

US: 292/137 340/506 348/143 348/552 700/283 700/90 704/275 725/32 725/49

Family:

Publication number	Publication date	Application number	Application date
BR112016010376 A2	20170808	BR20161110376	20140903



BR112016011203 A2	20170808	BR20161111203	20140912
CA2930990 AA	20160517	CA20142930990	20140903
CA2931007 AA	20160517	CA20142931007	20140912
CN105814555 A	20160727	CN201480067003	20140912
DE602014039803 D1	20190207	DE201460039803T	20140903
EP3080677 A1	20161019	EP20140870507	20140903
EP3080677 A4	20170726	EP20140870507	20140903
EP3080677 B1	20190109	EP20140870507	20140903
EP3080710 A1	20161019	EP20140868928	20140912
EP3080710 A4	20170809	EP20140868928	20140912
MX2016006239 A1	20160907	MX20160006239	20140903
MX2016006589 A1	20160906	MX20160006589	20140912
MX358781 B	20180904	MX20160006589	20140912
US2015159401 AA	20150611	US20140553763	20141125
US2015160623 AA	20150611	US20140475252	20140902
US2015160634 AA	20150611	US20140565853	20141210
US2015160635 AA	20150611	US20140567502	20141211
US2015160636 AA	20150611	US20140567765	20141211
US2015160663 AA	20150611	US20140485038	20140912
US2015161452 AA	20150611	US20140567754	20141211
US2015161882 AA	20150611	US20140567348	20141211
US2015162006 AA	20150611	US20140566977	20141211
US2015163411 AA	20150611	US20140567770	20141211
US2015163412 AA	20150611	US20140567783	20141211
US2015163535 AA	20150611	US20140485188	20140912
US9495860 BB	20161115	US20140567348	20141211
US9772612 BB	20170926	US20140567765	20141211
US9838736 BB	20171205	US20140565853	20141210
US9900177 BB	20180220	US20140475252	20140902
US9912492 BB	20180306	US20140485038	20140912
US10027503 BB	20180717	US20140553763	20141125
WO15088603 A1	20150618	WO2014US53876	20140903
WO15088608 A1	20150618	WO2014US55441	20140912
WO15088609 A1	20150618	WO2014US55476	20140912

Priority:

US20130914856P	20131211	US20130914881P	20131211	US20140475252	20140902
EP20140870507	20140903	WO2014US53876	20140903	US20140485038	20140912
US20140485188	20140912	WO2014US55441	20140912	US20140553763	20141125
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US20140567754	20141211	US20140567348	20141211	US20140566977	20141211
US20140567770	20141211	US20140567783	20141211		

Probable Assignee: EHOSTAR TECHNOLOGIES INT CORP

Assignee(s): (std): EHOSTAR TECH INT CORP ; EHOSTAR TECH L L C ; EHOSTAR TECH LLC ; EHOSTAR TECHNOLOGIES LLC

Assignee(s): KUMMER DAVID ; MCCARTHY BERNARD ANTHONY III ; HOLLEY ERIC ; EHOSTAR TECHNOLOGIES L L C ; EHOSTAR TECHNOLOGIES INT ENGLEWOOD CORP ; EHOSTAR TECHNOLOGIES INT CORP

Inventor(s): (std): PATRICK EDWARD KELLEY ; NADEAU DANIEL ; MAHAN WILLIAM SEAN ; HOLLEY ERIC ; SMITH GEORGE HORKAN ; LETT DAVID B ; SCHOFIELD JOSEPH ; THOMASON IV CHARLES Y ; CAUGHMAN HENRY ; OLLEY THOMAS P ; MCCARTHY III BERNARD A ; MCCARTHY III BERNARD ANTHONY ; KUMMER DAVID ; KUMMER DAVE ; LETT DAVID ; MCCARTHY BERNARD ANTHONY III ; ERIC HOLLEY ; DAVID KUMMER ; BERNARD ANTHONY MCCARTHY III

Inventor(s): HOLLEY ERIC ATLANTA

Agent(s): SIM AND MCBURNEY; MARKS AND CLERK; THOMPSON ANDREW JOHN; KILPATRICK TOWNSEND AND STOCKTON LLP; KILPATRICK TOWNSEND AND STOCKTON; SAAB KARAM ET AL; SWEHLA AARON ET AL; HOLLISTER MATTHEW A ET AL

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

85) Family number: 62116177 (MX353808B)

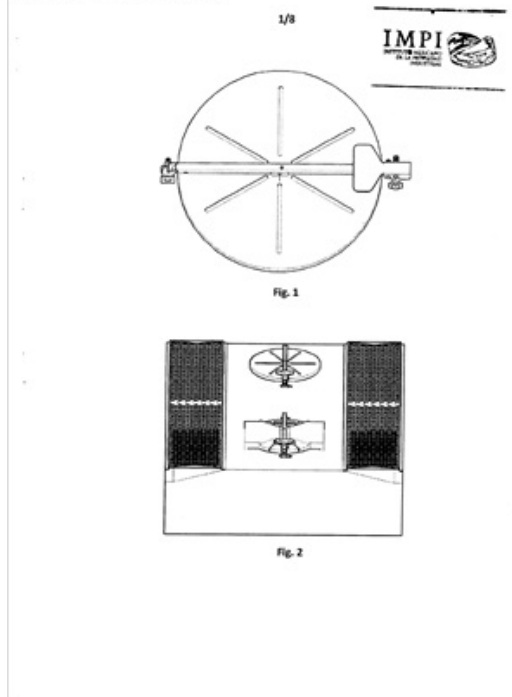
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Title: SAFETY LOCKING FOR LOCKS AND METHOD FOR USING SAME.

Abstract: The present invention refers to a safety locking for locks, which comprises an upper mounting with a first and a second end portion; a first lateral profile and a second lateral profile, each being arranged in an orthogonal manner in the first end portion and second end portion of the upper mounting, so that the upper mounting and the lateral profiles forming an inner housing space, which covers, fastens and hides the whole hinges and screws of the lock; a sliding support is arranged in the lower end portion of the first lateral profile and the second lateral profile, some sliders being movably arranged in each sliding support, each slider having a locking means useful for generating a locking position and an unlocking position.

Classifications:

International (IPC 8-9): B63B19/14 B63B19/24
E05B63/00 (Advanced/Invention);
B61D5/00 (Core/Invention)

**Family:**

Publication number	Publication date	Application number	Application date
MX2015009334 A1	20151218	MX20150009334	20150720
MX353808 B	20180130	MX20150009334	20150720

Priority:

MX20150009334 20150720

Probable Assignee: INGENIERIA Y MAQUINARIA IND S A DE C V**Assignee(s):** (std): INGENIERIA Y MAQU INDUSTRIAL S A DE C V ; INGENIERIA Y MAQUINARIA IND S A DE C V**Assignee(s):** INGENIERIA Y MAQUINARIA INDUSTRIAL DE CV SA**Inventor(s):** (std): ALVAREZ GABRIEL GOYA ; GABRIEL GOYA ALVAREZ**86) Family number: 29031178 (EP1460218A2)**

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Title: Closing device

Abstract: A locking catch for the door, or flap of a truck mounted container is connected to a release mechanism which is coupled to a servo release system on the truck. The locking catch is connected to a pivot mounted control element via a dead point linkage. The bottom part of the linkage has a tag which locates into a loop of the truck mounted release system when the container is loaded onto the truck. The release is operated from the cab and leaves the dead point linkage in a position where it provides an automatic locking action when the door/flap is closed again.

Classifications:**International (IPC 8-9):** B60P1/273 B65D90/00 B65D90/22

E05C19/14 (Advanced/Invention);

E05B51/02 (Advanced/Non-invention);

B60P1/04 B65D90/00 B65D90/22 E05C19/00 (Core/Invention);

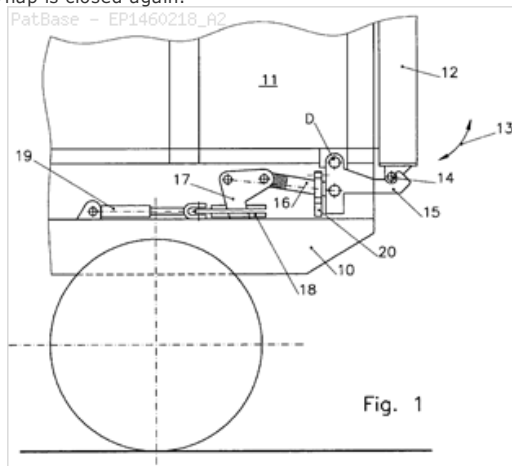
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International (IPC 1-7): B60P1/273 B65D90/00 B65D90/66

E05C19/12 E05C19/14

CPC: B60P1/273 B65D90/008 B65D90/22 E05B51/02 E05C19/14**European:** B60P1/273 B65D90/00F B65D90/22 E05C19/14

P05B51/02

**Family:**

Publication number	Publication date	Application number	Application date
DE20304559 U1	20030731	DE20032004559U	20030321
EP1460218 A2	20040922	EP20040006311	20040317

Priority:

DE20032004559U 20030321

Probable Assignee: WAGNER UMWELTECHNIK GMBH**Assignee(s):** (std): WAGNER UMWELTECHNIK GMBH ; WAGNER UMWELTECHNIK GMBH FA

Assignee(s): FIRMA WAGNER UMWELTECHNIK GMBH
Inventor(s): (std): HERRN EGON MAIER
Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

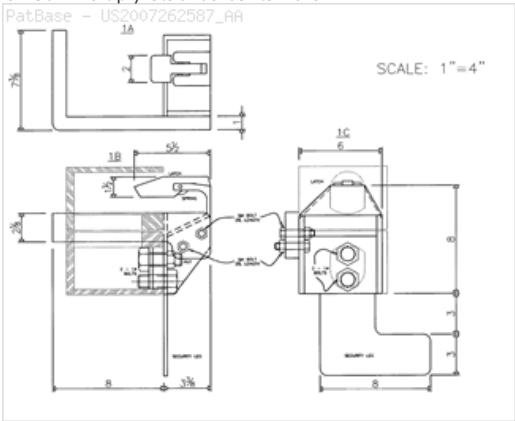
87) Family number: 40810179 (US2007262587A) © PatBase

Title: AUTOMATIC-LOCKING-DEVICE

Abstract: The Automatic Locking Device is a new and improved design for locking multiple containers together for transport by ship or rail. The device requires no labour once installed to lock or unlock multiply stacked containers.

Classifications:

International (IPC 8-9): E05B15/02 E05B65/52 (Advanced/Invention);
E05C19/06 (Advanced/Non-invention);
E05B65/00 (Core/Invention)
CPC: Y10S292/61 Y10T292/03 Y10T292/083 Y10T292/0894
Y10T292/68 B65D90/22 B65D90/0006 B65D90/008 B65D2211/00
B65D2590/0033
European: B65D90/00B B65D90/22 L65D211/00 L65D590/00B2C
L65D90/00F
US: 211/194 220/1.5 220/324 292/1 292/28 292/28P 292/340
292/80 292/DIG.61



Family:

Publication number	Publication date	Application number	Application date
US2007262587 AA	20071115	US20070783914	20070413
US7988211 BB	20110802	US20070783914	20070413

Priority:

US20060745266P 20060420 US20070783914 20070413

Probable Assignee: ANDERSON RODERICK DUNCAN

Assignee(s): (std): ANDERSON RODERICK D ; ANDERSON RODERICK DUNCAN

Inventor(s): (std): ANDERSON RODERICK D ; ANDERSON RODERICK DUNCAN

Inventor(s): ANDERSON RODERICK

Agent(s): RODERICK DUNCAN ANDERSON

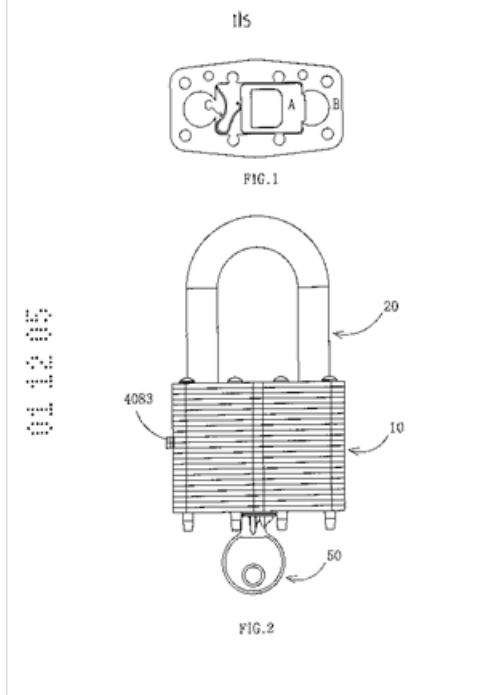
88) Family number: 32596180 (GB2432877A) © PatBase

Title: Laminated padlock with first and second biased latches locking sliding shackle

Abstract: A laminated padlock comprising a sliding shackle 20 and a cylinder lock with rotating core 311 operated by a key 50. The padlock further comprises a first latch 401 and a second latch (figure 3, 402). The latches are slidably supported in a transverse direction of a receiving cavity of the padlock. Each latch is driven to slide inwardly when the cylinder core 311 is rotated to release opposing portions of the shackle 20. The padlock also comprises a device that provides an urging force against the first and second latches to normally push the first latch to engage with the shackle. The urging device may comprise first and second resilient units, which may each comprise two compression springs 4013 held by holding pins. The first and second latches may be latch panels 403 separated by body panels of the laminated padlock.

Classifications:

International (IPC 8-9): E05B67/24 (Advanced/Invention)
CPC: E05B67/24 E05B67/02
European: E05B67/02 E05B67/24

**Family:**

Publication number	Publication date	Application number	Application date
GB200524391 A0	20060104	GB20050024391	20051130
GB2432877 A1	20070606	GB20050024391	20051130

Priority:

GB20050024391 20051130

Probable Assignee: PATH LINE NG S HOLDINGS LTD**Assignee(s):** (std): PATH LINE ; PATH LINE NG S HOLDINGS LTD**Assignee(s):** PATH LINE HOLDINGS LTD ; PATH LINE NG S HOLDINGS LIMITED**Inventor(s):** (std): RUAN JIAQIANG**Inventor(s):** JIAQIANG RUAN**89) Family number: 33125182 (US2008191870A)**

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Title: DEVICE AND METHOD FOR REGISTERING THE OPENING OF CLOSURES OF SPACES TO BE SECURED

Abstract: The invention relates to a device and a method for registering the opening of locks of areas that are to be secured. According to the invention, a sealing module, which comprises a sensor, a microprocessor, a memory and a device for wireless communication, can be attached to the lock in such a way that the sensor recognizes a displacement and writes data documenting said displacement to the memory. A recording device also comprises at least one unit for wireless communication, a microprocessor and a memory, which are configured to read at least the data documenting the displacement from the memory of the sealing module and to write said data to the memory of the mobile recording device.

Classifications:**International (IPC 8-9):** E05B39/00 E05B39/04 E05B45/00

E05B47/00 G07C9/00 G08B13/08 G09F3/03

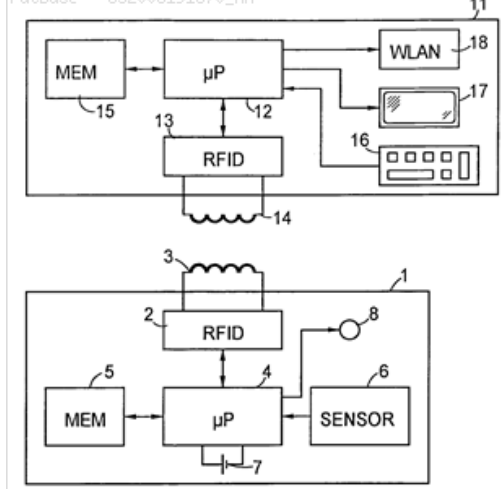
H04Q7/06 (Advanced/Invention);

E05B45/00 G07C9/00 G08B13/02 G09F3/03

H04Q7/06 (Core/Invention)

CPC: E05B39/00 E05B2047/0067 G07C9/00103 G09F3/0335**European:** E05B39/00 G07C9/00B8 G09F3/03A4B P05B47/00E6**US:** 340/539.1 340/539.22 340/539.220S 340/545.2 340/545.200P 340/547 340/572.1

PatBase - US2008191870_AA

**Family:**

Publication number	Publication date	Application number	Application date
DE102005001582 A1	20060727	DE200510001582	20050113
DE502005014956 D1	20151112	DE200550014956T	20051227
EP1839276 A1	20071003	EP20050825190	20051227

EP1839276 B1	20151007	EP20050825190	20051227
US2008191870 AA	20080814	US20050590049	20051227
US8149118 BB	20120403	US20050590049	20051227
WO06074861 A1	20060720	WO2005EP57180	20051227

Priority:

DE200510001582 20050113 EP20050825190 20051227 WO2005EP57180 20051227

Probable Assignee: ROBERT BOSCH GMBH

Assignee(s): (std): BOSCH GMBH ROBERT ; KALWEIT HUBERT ; NIESEN KLAUS

Assignee(s): ROBERT BOSCH GMBH

Inventor(s): (std): NIESEN KLAUS ; KALWEIT HUBERT

Agent(s): STRIKER STRIKER AND STENBY; MICHAEL J

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

90) Family number: 41615183 (FR2905718B)

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Title: ENSEMBLE POIGNEE DE FERMETURE SECURISEE POUR PORTE DE CONTENEUR ET CAMION

Abstract: The assembly has a trapezoidal shaped base (1) in a form of a fixation plate, including a projection part provided with a rectangle parallelepiped shaped block with a vertical bore (4). A handle (2) has a hollow reservation placed opposite to a door of a container/lorry to receive the part during closing the door and covering the part to ensure its protection. A vertical bore (11) co-operates with the bore (4) for vertically inserting a movable grip (16) of a padlock body (17) in the bore (11) to integrate the base and the handle, after locking. Pins (6, 12) receive a seal support (22).

Classifications:

International (IPC 8-9): E05B1/00 E05B65/18 (Advanced/Invention);

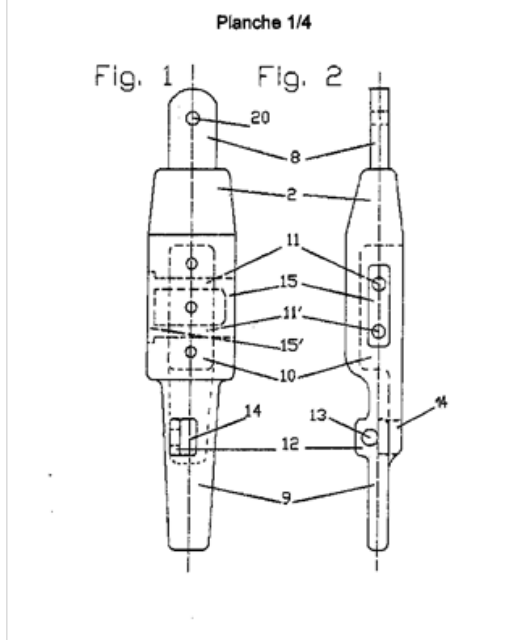
E05B1/00 E05B65/12 (Core/Invention)

CPC: E05B13/002 E05B13/10 E05B83/10

European: E05B13/00C E05B13/10 E05B83/10

PatBase - FR2905718_R1

2905718



Family:

Publication number	Publication date	Application number	Application date
FR2905718 A1	20080314	FR20060007985	20060913
FR2905718 B1	20090130	FR20060007985	20060913

Priority:

FR20060007985 20060913

Probable Assignee:

FORTIN JEAN

Assignee(s): (std):

FORTIN JEAN

Assignee(s):

JEAN FORTIN

Inventor(s): (std):

FORTIN JEAN

Inventor(s):

JEAN FORTIN

Agent(s):

JEAN FORTIN

91) Family number: 51568184 (US8225458B)

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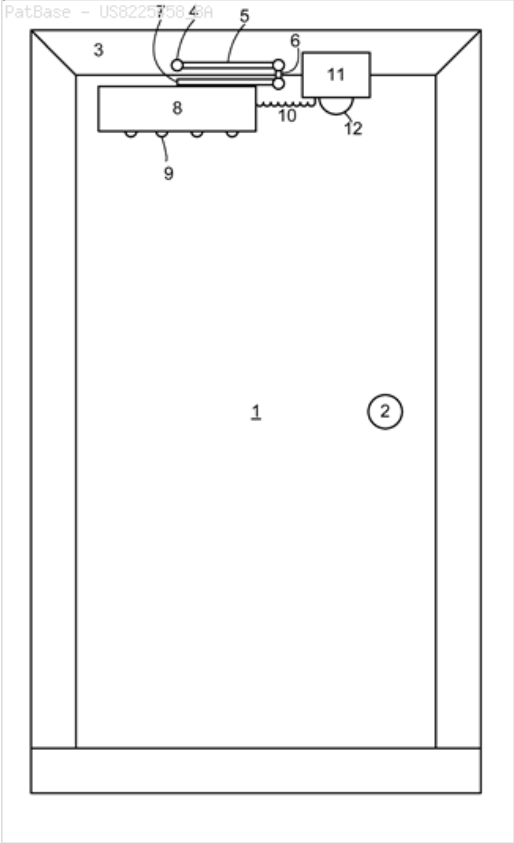
Title: INTELLIGENT DOOR RESTRAINT

Abstract: A method for controlling a door, comprising the steps of storing energy during a manual opening of a door, sensing an object within a doorway, selectively applying a force derived from the stored energy, to close the door, based on the sensing of an object in the doorway. The closure is preferably controlled by an electronic control. A door closing device comprising an energy storage device for storing energy during door opening and releasing the stored energy to subsequently

close the door, a damping system for damping a closure of the door, a sensor for detecting an object within a doorway, having an output, a controllable device for selectively restraining the energy storage device from closing the door, and a control system for controlling the controllable device based on the output.

Classifications:

International (IPC 8-9): B25J9/16 E05F15/00 E05F15/73 E05F3/00 E05F3/10 E05F3/22 (Advanced/Invention)
CPC: E05Y2900/132 E05Y2201/43 E05Y2800/67 Y10T16/27 Y10T16/276 Y10T16/62 Y10T16/625 E05F3/102 E05F15/42 B25J9/1694 E05F3/10 E05F3/222 E05F15/73
US: 1/1 16/49 16/51 16/84 16/85 49/339 49/340 49/341



Family:

Publication number	Publication date	Application number	Application date
US8225458 BA	20120724	US20050290168	20051130
US9045927 BA	20150602	US20130956558	20130801
US9121217 BA	20150901	US20120542733	20120706
US9995076 BA	20180612	US20150726952	20150601

Priority:

US20010305130P 20010713	US20020196684 20020715	US20050290168 20051130
US20120542733 20120706	US20130956558 20130801	US20150726952 20150601

Probable Assignee: HOFFBERG STEVEN M
Assignee(s): (std): HOFFBERG STEVEN M
Inventor(s): (std): HOFFBERG STEVEN M
Agent(s): OSTROLENK FABER LLP; STEVEN M; TULLY RINCKEY PLLC

92) Family number: 44963188 (WO11101366A1)

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Title: SECURING DEVICE

Abstract: The invention relates to a securing device (1) for protecting openings or the like, comprising at least one movable element actuated by means of a lock plate (4) connected to a housing (2) and rod-type locking elements guided therein. The lock plate (4) comprises a base body (94) for various embodiments, that is adapted to the housing (2) and co-operates with a driving element (12, 22) in the housing (2), said driving element comprising a toothing (65) and a transmission element (13, 21) arranged on an end of the toothing (65). At the same time, a round connection element (15) passes through the driving element (12, 22) and the transmission element (13, 21) in such a way that, in the event of a translatory movement of the driving element (12, 22) with the transmission element (13, 21), the connection element (15) is moved rotationally as well as in a translatory manner, and in that guiding sleeves (72) are provided on the ends of the connection element (15), into which locking elements are inserted such that they are guided in end parts (3) in such a way that a rotary movement is created as they are removed from the end parts (3), or a driving element (131) is connected to a hook locking element (103) in such a way that a locking hook (126) is driven and pivoted by the rotation of the connection element (15).

Classifications:

International (IPC 8-9): E05B47/06 E05C1/06 E05C5/04 E05C9/00 E05C9/02 E05C9/08 E05C9/12 E05C9/14 E05C9/18 (Advanced/Invention)
CPC: E05B47/026 E05B63/14 E05B65/1073 E05C9/1875 E05B1/0015 E05B9/02 E05B15/101 E05B47/0012 E05B53/00 E05B63/0052 E05B63/0056 E05B65/0021 E05B65/0025 E05B2047/0017 E05C9/021 E05C9/023 E05C9/026 E05C9/08 E05C9/185 E05C9/20
European: E05B47/02 E05B47/02R E05B53/00 E05B63/00R E05B63/00S E05B63/14 E05C9/02A E05C9/02A2 E05C9/08 E05C9/18B1C E05C9/18B2 P05B1/00B P05B15/10A P05B47/00A4 P05B47/00A5C2 P05B53/00 P05B63/00R P05B65/00G P05B65/00H P05B65/10L2A P05B9/02 P05C9/02A2 P05C9/20

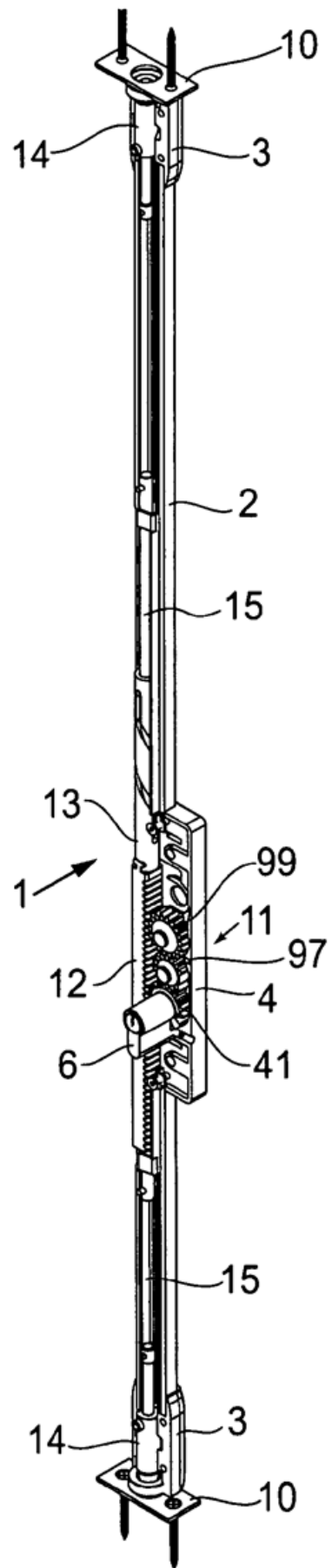


Fig. 3

Family:

Publication number	Publication date	Application number	Application date
DE102010000438 A1	20110818	DE201010000438	20100217
DE102010000438 B4	20141016	DE201010000438	20100217
DE202010000212 U1	20100422	DE201020000212U	20100217
DE202010011699 U1	20101209	DE201020011699U	20100823
DE202010011700 U1	20101209	DE201020011700U	20100823
DE202010011701 U1	20101209	DE201020011701U	20100823
DE202010011703 U1	20101216	DE201020011703U	20100823
DE202010011704 U1	20101216	DE201020011704U	20100823
DE202011001526 U1	20110616	DE201120001526U	20110116
DE202011001546 U1	20120119	DE201120001546U	20110117
DE202011001547 U1	20111124	DE201120001547U	20110127
DE202011001548 U1	20110616	DE201120001548U	20110115
DE502011007926 D1	20151105	DE201150007926T	20110216
EP2536907 A1	20121226	EP20110708747	20110216
EP2536907 B1	20150923	EP20110708747	20110216
WO11101366 A1	20110825	WO2011EP52271	20110216

Priority:

DE201010000438	20100217	DE201020000212U	20100217	DE201020011699U	20100823
DE201020011700U	20100823	DE201020011701U	20100823	DE201020011703U	20100823
DE201020011704U	20100823	DE201120001547U	20110115	DE201120001548U	20110115
DE201120001546U	20110116	DE201120001526U	20110116	DE201120001546U	20110117
DE201120001547U	20110127	EP20110708747	20110216	WO2011EP52271	20110216

Probable Assignee: LEMAY BV**Assignee(s):** (std): GINZEL LOTHAR ; LEMAY BV ; RUITER MARC**Assignee(s):** GINZEL LOTHAR DIPL ING ; GINZEL**Inventor(s):** (std): GINZEL LOTHAR ; RUITER MARC**Agent(s):** BORCHERT UWE RUDOLF; PUSCHMANN BORCHERT BARDEHLE PATENTANWAELTE PARTNERSCHAFT MBB; BORCHERT UWE R 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**93) Family number: 63529189 (EP3067491B1)**

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Title: INNER DOOR WITH LOCK PORTE INTERIEURE COMPRE

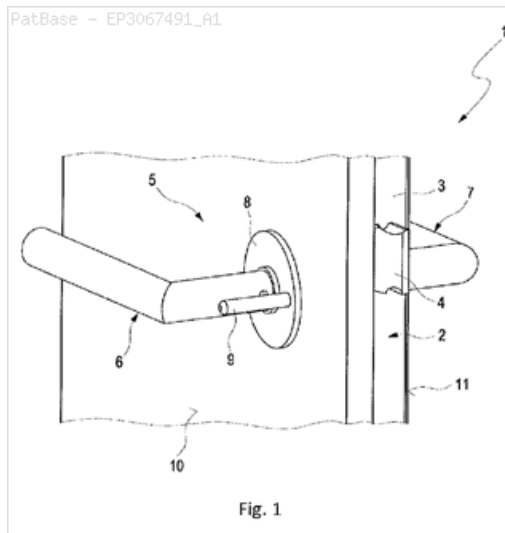
Abstract: Source: EP3067491A1 [DE] Die vorliegende Erfindung betrifft ein Schloss (2) fuer eine nur einseitig verriegelbare Innentuer (1) eines Gebaeudes, umfassend einen Traeger (12) zur Montage an oder in der Innentuer (1), eine am Traeger (12) angeordnete Falle (4), die zwischen einer Schliessstellung und einer Offenstellung verstellbar ist, eine am Traeger (12) angeordnete Mitnehmereinrichtung (13) zum Betaetigen der Falle (4), die einen Aussenanschluss (14) zum Verbinden der Mitnehmereinrichtung (13) mit einem Aussendruecker (7) und einen Innenanschluss (15) zum Verbinden der Mitnehmereinrichtung (13) mit einem Innendruecker (6) aufweist, und eine Verriegelungseinrichtung (16), die mittels eines Riegelements (17) zwischen einem Entriegelungszustand und einem Verriegelungszustand verstellbar ist. Eine verbesserte Funktionalitaet ergibt sich, wenn die Mitnehmereinrichtung (13) einen vom Aussenanschluss (14) zur Falle (4) fuehrenden Aussenpfad (18) aufweist, ueber den mittels des Aussenanschlusses (14) die Falle (4) in die Offenstellung verstellbar ist, wobei die Verriegelungseinrichtung (16) im Verriegelungszustand den Aussenpfad (18) unterbricht, so dass die Falle (4) ueber den Aussenpfad (18) mittels des Aussenanschlusses (14) nicht betaetigt werden kann. Ueber einen Innenpfad (19) kann die Falle (4) zumindest im Entriegelungszustand mittels des Innenanschlusses (15) betaetigt werden.

Machine translation: The invention relates to a castle (2) for a unilateral lockable door (1) a building, comprehensively a carrier (12) for the Assembly or in the door (1), a trap arranged on the carrier (12) (4), which can be adjusted between a closed position and an open position, one on the carrier (12) arranged driving device (13) to operate the trap (4), the an external connection (14) to connect the driver setup (13) with an external handle (7) and an inner connection (15) to connect the driver setup (13) with a Inside handle (6) is, and is a locking device (16), which is adjustable by means of a bar element (17) between an Entriegelungszustand and a locking State. Enhanced functionality arises if the driver setup (13) is a leading from the external connector (14) to the trap (4) outdoor path (18), about the by means of external connection (14) the trap (4) in the open position is adjustable, and the locking device (16) in the State of locking interrupts the outer path (18) so that the latch (4) outdoor path (18) by means of external connection (14) can not be operated. The trap (4) at least in the Entriegelungszustand by means of internal connection (15) can be operated through an inner path (19).

Classifications:**International:** E05B13/00 E05B55/02 E05B55/06

E05B63/00 E05B63/16 E05B65/00 (Advanced/Invention)

CPC: E05B55/06 E05B13/005 E05B63/16 E05B65/0035

**Family:**

Publication number	Publication date	Application number	Application date
DE102015204603 A1	20160915	DE201510204603	20150313
DE502016000248 D1	20171221	DE201650000248T	20160201
EP3067491 A1	20160914	EP20160153643	20160201
EP3067491 B1	20171108	EP20160153643	20160201
ES2653544 T3	20180207	ES20160153643T	20160201

Priority:

DE201510204603 20150313 EP20160153643 20160201

Probable Assignee: KARCHER GMBH

Assignee(s): (std): KARCHER GMBH

Inventor(s): (std): UKA FATOS ; KARCHER ISABEL ; KARCHER JAN

Agent(s): BRP RENAUD U PARTNER MBB RECHTSANWAELTE PATENTANWAELTE STEUERBERATER; BRP RENAUD AND PARTNER MBB RECHTSANWAELTE PATENTANWAELTE STEUERBERATER; LINAGE RAFAEL

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

94) Family number: 1270191 (DE2529778A1)

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Title: The safety door serves for protection against heat and pressure shocks.

Abstract: The safety door serves for protection against heat and pressure shocks. Its door leaf has zones (5, 6, 7, 8) which are arranged one behind another in a layered manner and one zone (7) of which is designed as a bearing zone. Each zone forms an independent unit in itself, which is connected to the adjacent unit or units. The bearing zone preferably has the form of a hollow metal plate and is arranged between the remaining units. The zones serve to receive a locking device (15) or pressure-shock or heat protection elements (31, 21), it being possible for the pressure-shock protection elements (31) to be of plate-shaped design and consist of a rubber/ceramic mixture.

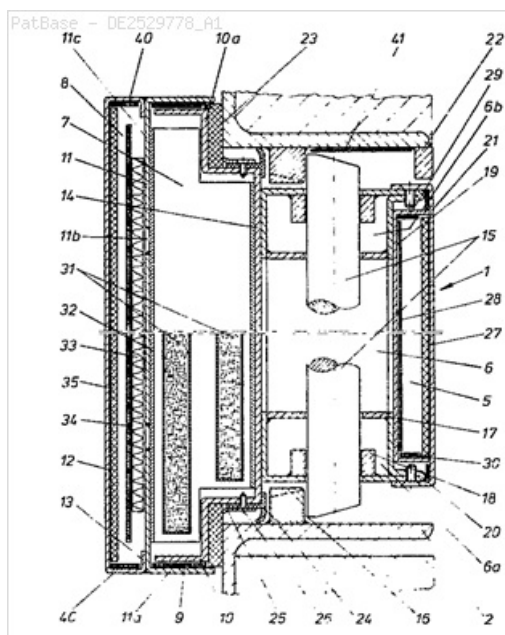
Classifications:

International (IPC 8-9): E05G1/026 (Advanced/Invention); E05G1/00 (Core/Invention)

International (IPC 1-7): E05G1/00 E06B5/10 E06B5/16

CPC: E05G1/026

European: E05G1/026

**Family:**

Publication number	Publication date	Application number	Application date
AT369126 B	19821210	AT19760004830	19760701

AT483076 A	19820415	AT19760004830	19760701
CH613013 A	19790831	CH19760004466	19760408
DE2529778 A1	19770324	DE19752529778	19750703
DE2529778 B2	19770901	DE19752529778	19750703
DE2529778 C3	19780518	DE19752529778	19750703
NL7607292 A	19770105	NL19760007292	19760701

Priority:

DE19752529778 19750703

Probable Assignee: SOMMER METALLBAU STAHLBAU GMBH

Assignee(s): (std): SOMMER GEB METALLBAU STAHLBAU ; SOMMER GEBR METALLBAU STAHLBAU ; SOMMER METALLBAU STAHLBAU GMBH

Assignee(s): SOMMER METALLBAU STAHLBAU GMBH AND CO K G ; SOMMER METALLBAU STAHLBAU GMBH AND CO KG ; SOMMER GEBR METALLBAU STAHLBAU GMBH AND CO KG ; SOMMER GEB METALLBAU STAHLBAU GMBH AND CO KG ; GEBR SOMMER METALLBAU STAHLBAU GMBH AND CO KG ; GEBR SOMMER METALLBAU STAHLBAU GMBH AND CO KG 8670 HOF ; GEBR SOMMER METALLBAU STAHLBAU GMBH AND CO KG TE HOF BONDSREPUBLIC DUTSLAND

Inventor(s): (std): HAUTMANN DIETER ; HAUTMANN DIETER ING GRAD ; SOMMER HORST

Inventor(s): SOMMER HORST 8670 HOF ; DIETER HAUTMANN ; HAUTMANN DIETER ING GRAD 8676 SCHWARZENBACH ; HORST SOMMER ; HAUTMANN DIETER ING

95) Family number: 5701197 (AT397409B)

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Title: DRIVE ARRANGEMENT FOR A DOOR HAVING A PLURALITY OF DOOR SEGMENTS

Abstract: The invention relates to a drive arrangement for a sliding door, consisting of a plurality of door segments 6 to 9 which are displaced on a guide track of a guide device 10 to 13 by a cord-like transmission member 24, 38 of a transmission apparatus 27 by means of a remotely controllable drive device 26. Fastened to the door case are deflecting rollers 31, 33, 36, 37 for the transmission member 24, 38 which is connected to the door segments 6 to 9 via coupling elements 51 to 54. At least two door segments 6, 7; 8, 9 are driven at a different speed by associated cord-like transmission members 24, 38, the drive device 26 driving the two transmission members 24, 38 with a different transmission ratio.

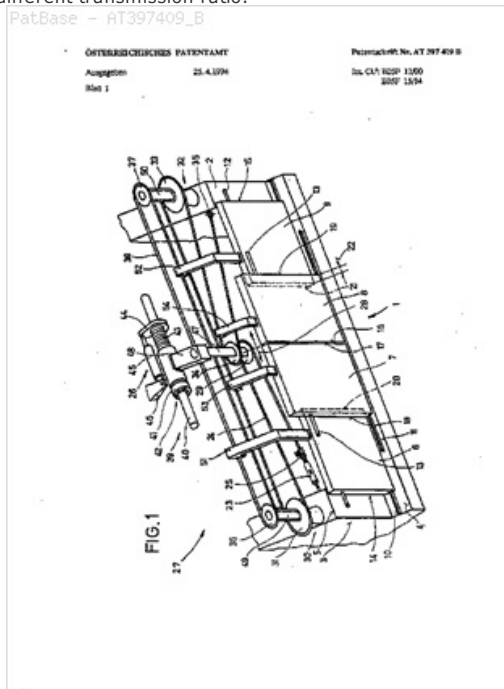
Classifications:

International (IPC 8-9): E05F17/00 (Advanced/Invention)

International (IPC 1-7): E05F15/14 E05F17/00

CPC: E05F17/002 E05F2017/005

European: E05F17/00C P05F17/00F



Family:

Publication number	Publication date	Application number	Application date
AT243188 A	19930815	AT19880002431	19880930
AT397409 B	19940425	AT19880002431	19880930

Priority:

AT19880002431 19880930

Probable Assignee: SWOBODA KAROSSERIE STAHLBAU

Assignee(s): (std): SWOBODA KAROSSERIE STAHLBAU

Assignee(s): SWOBODA KAROSSERIE UND STAHLBAU GESELLSCHAFT M B H

96) Family number: 17683197 (DE9318950U1)

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Title: VERRIEGELUNGSSCHLOSS Point lock (Machine translation)

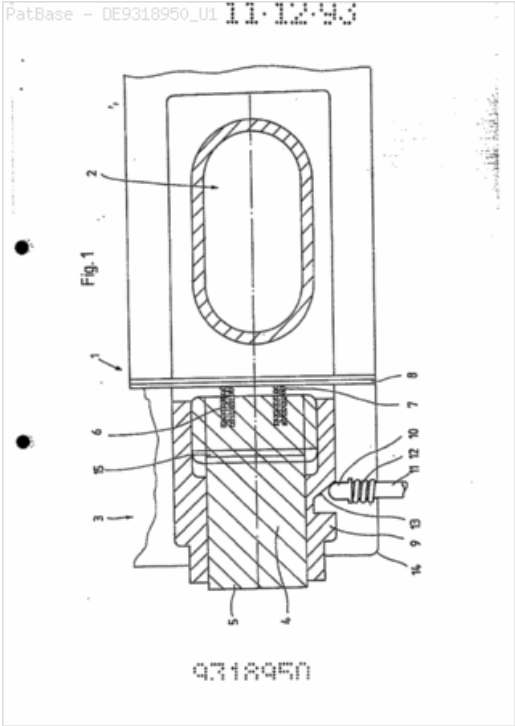
Abstract: Source: DE9318950U1 [DE] (Claim 1) 1. Verriegelungsschloss mit einem in einem Gehäuse angeordneten Sperrschieber, der in Schliessstellung belastet durch ein elastisches Element mit wenigstens einer Falle aus dem Gehäuse herausragt, wobei das Gehäuse eine Öffnung für ein Entriegelungselement aufweist, dadurch gekennzeichnet, dass an dem Sperrschieber (4) in einem durch die Öffnung (21) zugänglichen Bereich ein Kraftangriffselement (15) angeordnet ist, welches die Vorschubkraft des Entriegelungselementes (16) in eine Öffnungskraft zur Bewegung des Sperrschiebers (4) in

eine oeffnungsposition umsetzt.

Machine translation: (Claim 1) 1 Latch lock with one arranged in a housing block slide that protrudes loaded in the closed position by a resilient member having at least one case out of the housing, the housing having an opening for an unlocking exhibits, characterized in that through on the locking slide (4) in the opening (21). accessible area of a force application element (15) is arranged, which is the thrust of unlocking element (16) converts into an opening force to move the lock slider (4) into an opening position.

Classifications:

International (IPC 8-9): E05B35/00 E05C1/12 (Advanced/Invention); E05B65/14 E05B83/02 (Advanced/Non-invention); E05B35/00 E05C1/00 (Core/Invention); E05B65/12 (Core/Non-invention)
International (IPC 1-7): E05B65/00
CPC: E05C1/12 E05B35/007 E05B83/02
European: E05B35/00H E05C1/12 P05B83/02



Family:

Publication number	Publication date	Application number	Application date
DE9318950 U1	19940331	DE19930018950U	19931210

Priority:

DE19930018950U 19931210

Probable Assignee: OFFENBROICH A

Assignee(s): (std): OFFENBROICH A

Assignee(s): OFFENBROICH ADRIAN 40215 DUESSELDORF DE

97) Family number: 62911201 (US2016203687A)

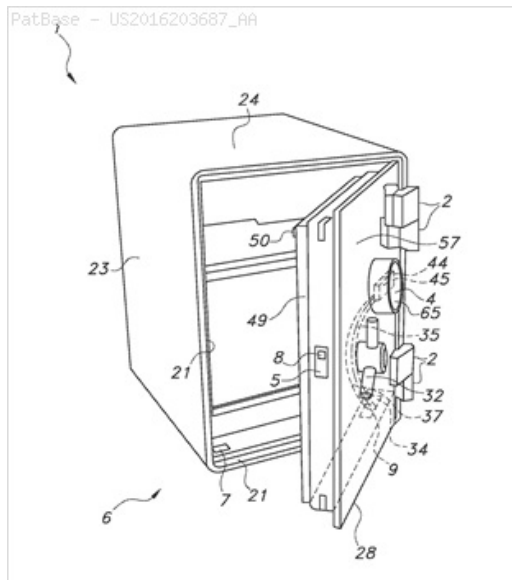
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Title: SECURITY DEVICE FOR INTEGRATION INTO A SECURITY SYSTEM

Abstract: This invention relates to an apparatus and retrofit method for integrating a safe into a security system, said apparatus comprising a wireless transmitter that transmits the condition of the safe to the receiver of a security system. The apparatus comprises at least one battery-operated transmitter in wireless communication with at least one receiver through an antenna concealed on the exterior surface of the safe and sensors connected to the transmitter. The design of the safe body and the integration with a wireless interface allows for flexibility and portability of the safe while maintaining strong security.

Classifications:

International (IPC 8-9): E05B65/00 E05B65/06 E05B65/44 E05B81/00 E05G1/00 E05G1/04 E05G1/10 E5B81/00 G08B13/08 G08B21/18 G08B25/10 (Advanced/Invention)
CPC: G08B13/08 G08B25/10 E05G1/10 E05B65/0075 G08B21/185
US: 340/545.2



Family:

Publication number	Publication date	Application number	Application date
CA2972487 AA	20170627	CA20162972487	20160111
EP3245363 A1	20171122	EP20160737659	20160111
EP3245363 A4	20180905	EP20160737659	20160111
KR101872136 B1	20180627	KR20167022390	20160111
KR20160111025 A	20160923	KR20167022390	20160111
US2016203687 AA	20160714	US20150594553	20150112
US2018301004 AA	20181018	US20160539684	20160111
US9911293 BB	20180306	US20150594553	20150112
WO16115010 A1	20160721	WO2016US12800	20160111

Priority:

US20150594553 20150112 US20160539684 20160111 WO2016US12800 20160111

Probable Assignee: SHENZHEN CHINA STAR OPTOELECTRONICS TECH CO LTD

Assignee(s): (std): LEE JONATHAN ; SHENZHEN CHINA STAR OPLOELECTRONICS TECH CO LTD ; SHENZHEN CHINA STAR OPTOELECTRONICS TECH CO LTD

Assignee(s): SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO ; SHENZHEN CHINA STAR OPLOELECTRONICS TECHNOLOGY CO ; SHENZHEN CHINA STAR OPLOELECTRONICS TECHNOLOGY CO LTD ; SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO LTD

Inventor(s): (std): LEE JONATHAN

Agent(s): FINLAYSON AND SINGLEHURST; GILL DAVID ALAN; MEHRMAN LAW OFFICE; MICHAEL J; MEHRMAN MICHAEL J

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

98) Family number: 64040204 (FR3058133A)

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Title: DISPOSITIF D'OUVERTURE ET DE FERMETURE POUR PLATES-FORMES DE SECURITE DE CONTENEURS SOUTERRAINS
Opening and closing DEVICE FOR SECURITY PLATFORMS OF UNDERGROUND CONTAINERS (Machine translation)

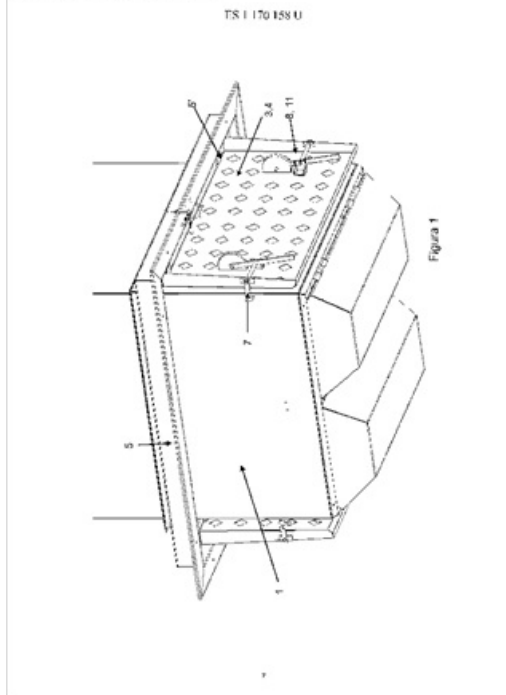
Abstract: Source: FR3058133A [FR] L'invention concerne un dispositif d'ouverture et de fermeture pour plates-formes ou chaussées de sécurité présentes dans les installations de conteneurs souterrains, les plates-formes ou chaussées de sécurité étant du type de celles qui sont constituées de deux trappes articulées latéralement sur un encerclement, de manière que celles-ci s'ouvrent vers la partie inférieure d'une fosse pivotant sur une articulation latérale, qui comprend deux éléments de contrepoids associés à chaque trappe et disposés latéralement dans ces trappes, accouplés à la suite de l'articulation latérale qui maintient les trappes levées et, par conséquent, fermées en raison de l'effet de levier qu'il exerce sur le côté articulé de celles-ci.

Machine translation: The invention relates to a device for opening and closing for platforms or chaussées of security set forth in the underground facilities, the chaussées containers platforms or security being of the kind which are comprised of two doors hinged on a laterally encirclement, such that they open toward the bottom of a pivoting pit side on a joint, which comprises two elements of counterweight associated with each flap and disposed laterally in these traps, coupled to the rest of the side hinge that maintains the raised traps and, therefore, closed due to the leverage that it exerts on the hinged side thereof.

Classifications:

International (IPC 8-9): B65F1/14 B65F1/16 E04B1/343
E05F1/00 (Advanced/Invention)

CPC: B65F1/1447 B65F1/14 B65F1/16

**Family:**

Publication number	Publication date	Application number	Application date
ES1170158 U8	20180405	ES20160031291U	20161028
ES1170158 UA	20161118	ES20160031291U	20161028
ES1170158 Y1	20170208	ES20160031291U	20161028
FR3058133 A3	20180504	FR20170060039	20171024

Priority:

ES20160031291U 20161028

Probable Assignee: FABRICADOS ELECTROMECHANICOS ESTEVEZ FABREZ S L**Assignee(s):** (std): FABREZ S L ; FABRICADOS ELECTROMECHANICOS ESTEVEZ FABREZ S L**Assignee(s):** FABREZ SL ; FABRICADOS ELECTROMECHANICOS ESTEVEZ FABREZ SL**Inventor(s):** (std): MADRIGAL ROSADO JUAN**Inventor(s):** JUAN MADRIGAL ROSADO**Agent(s):** RIERA JUAN CARLOS; CABINET WEINSTEIN**99) Family number: 6785204 (US4085687A)**

© PatBase

Title: Remote envelope depository construction

Abstract: A depository construction for receiving deposits at unattended banking equipment units in deposit-containing envelopes, and for issuing receipts for such deposits to bank customers. The customer activates the depository mechanism to initiate a deposit procedure by pressing a button, using a key or inserting a customer-identifying card at a banking unit. Activation of the mechanism opens an entry gate for a horizontal deposit entry slot to permit a deposit-containing envelope to be inserted into the slot, and energizes the drive mechanism of an envelope belt conveyor to transport the envelope through the mechanism. As the trailing end of the envelope passes an entry sensor, the entry gate is closed and a conveyor exit gate is opened. As the leading end of the envelope arrives at the exit end of the conveyor, an exit sensor energizes a printer beyond the exit end of the conveyor which stamps deposit data on the envelope. Another printer prints similar data on a receipt while the envelope is being discharged from the conveyor. As the trailing end of the envelope passes the exit sensor and drops to a deposit chest, the conveyor drive is stopped and the receipt is issued to the customer.

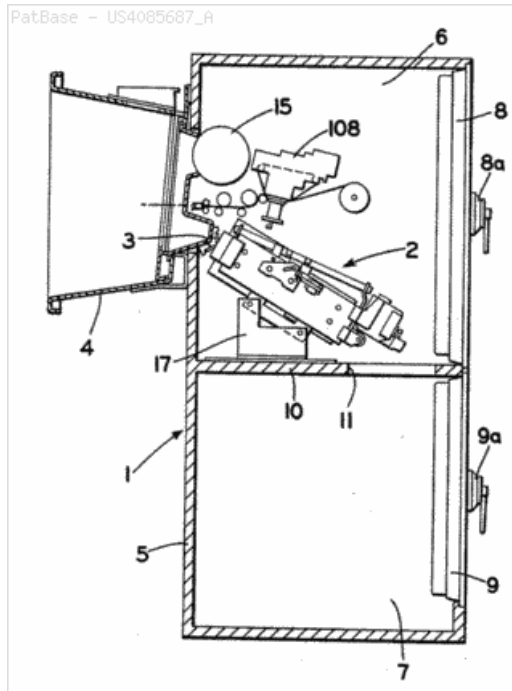
Classifications:**International (IPC 8-9):** G07D11/00 (Advanced/Invention);

E05G7/00 (Advanced/Non-invention);

G07D11/00 (Core/Invention);

E05G7/00 (Core/Non-invention)

International (IPC 1-7): G07G5/00**CPC:** E05G7/001 G07D11/0096**European:** G07D11/00M4 P05G7/00B**US:** 109/24.1 346/22 D99/28

**Family:**

Publication number	Publication date	Application number	Application date
US4085687 A	19780425	US19760648281	19760112

Priority:

US19760648281 19760112

Probable Assignee: DIEBOLD INC**Assignee(s):** (std): DIEBOLD INC**Inventor(s):** (std): BECK ROBERT ; MORELLO HERBERT J ; RICHARDSON JACK M**100) Family number: 11717209 (DE4420201A1)**

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Title: Locking element for relative fixing of two force application points

Abstract: The element has a cylindrical piston housing (3) connected to the first force application point (2), and a piston (5), connected to the second point (1). The piston slides sealed in the housing, and divides it into two chambers (6,7). A channel (15) connecting the chambers contains a shut-off element (9,10). The element completely blocks the channel in one position, and frees it in at least one further position. The shut-off element is operated by hand via an external grip (12). The channel is located inside the piston. The piston consists of two relatively turnable parts. One part is non-rotatably connected to the piston rod (4).

Classifications:**International (IPC 8-9):** B62D25/12 E05C17/30 (Advanced/Invention);

B62D25/10 E05C17/00 (Core/Invention)

International (IPC 1-7): B60J1/00 B62D25/12 E05F3/12 F16J10/00**CPC:** B62D25/12 E05C17/305**European:** B62D25/12 E05C17/30H

Publication number	Publication date	Application number	Application date
DE4420201 A1	19951214	DE19944420201	19940609

DE19944420201 19940609

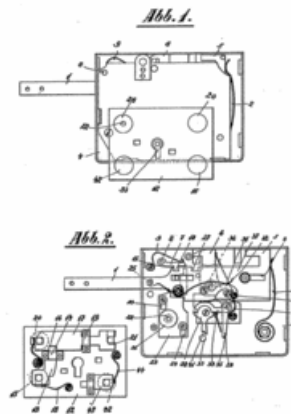
Assignee(s): (std): HAZET WERK ZERVER HERMANN

Inventor(s): (std): ZERVER HERMANN J

Inventor(s): ZERVER HERMANN J 42859 REMSCHEID DE

Abstract: Source: DE425578A [DE] (Claim 1) 1. PATENTANSPRUECHE: i. Sicherheitsschloss mit schiessender Falle und Hakenriegel, dadurch gekenn- zeichnet, dass die Sicherheitsvorrichtung aus mindestens drei sich gegenseitig verriegelnden. und in an sich bekannter zwang laeufiger Folge nacheinander zu loesenden unter Federwirkung gestellten Sperren fuer die Falle sowie aus einem nach Loesen dieser Sperren durch Vor- und Rueckdre hung des Schluessels einzustellenden, an sich ebenfalls bekannten beweglichen Schliesselangelriff fuer den Faltenriegel und einem ebensoelchen und ebenso auszuloesen den fuer den Hakenriegel besteht, welch letzterer Schliesselangelriff abhaengig von dem des Faltenriegels ausgeloeet wird.

Classifications:
International (IPC 8-9): E05B37/20 (Advanced/Invention);
E05B37/00 (Core/Invention)
International (IPC 1-7): E05B37/20
CPC: E05B37/20
European: 68AB31 E05B37/20

**Family:**

Publication number	Publication date	Application number	Application date
DE425578 A	19260222	DE1924G061785D	19240711

Priority:

DE1924G061785 19240711

Probable Assignee:

WILHELM GOHL

Assignee(s): (std):

HANS KLING ; WILHELM GOHL

102) Family number: 43177223 (US2009102649A)

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Title: LATCH MONITORING APPARATUS FOR A SHIPPING CONTAINER DOOR

Abstract: A system, method, and apparatus for monitoring and detecting movement of components of a shipping container latch. A latch monitor may embody an electromagnetic sensing unit and a nearby magnet or light emitter for measuring and characterizing the profile of a nearby electromagnetic field. The field profile is monitored to detect a change in the profile, log the change, and report any abnormal disturbance to the electromagnetic field, indicating a breach of the integrity of a latching mechanism on a shipping container. An alert of a breach event may be sent via a communication network to an authority for response. The invention can distinguish authorized, incidental, and tampering events, and also store and upload an electronic manifest for a shipping container.

Classifications:

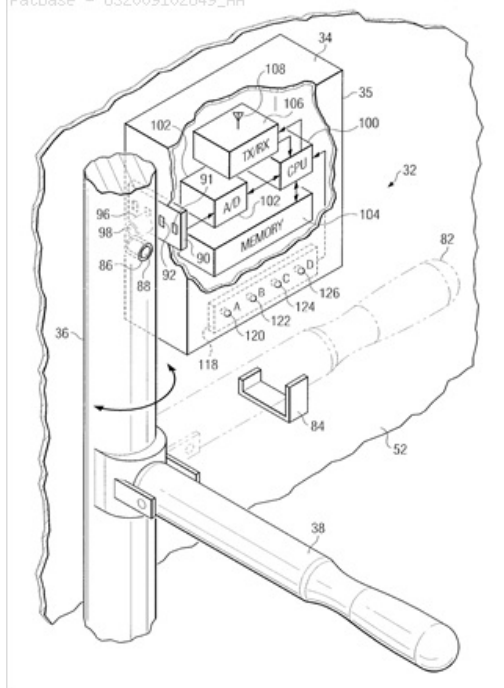
International (IPC 8-9): E05B45/06 G06Q10/00 G08B13/08 G08B13/14 G08B13/24 (Advanced/Invention); E05B39/02 E05B45/06 E05C19/08 G01B7/14 G06Q10/00 G08B1/08 G08B13/00 G08B13/14 G08B13/24 H04B1/06 (Advanced/Non-invention); E05B45/00 G06Q10/00 G08B13/02 G08B13/24 (Core/Invention)

CPC: Y10T292/31 Y10T292/51 E05B45/06 E05B83/10 G06Q10/087 G08B13/08 E05B2047/0097

European: E05B45/06 G06Q10/087 G08B13/08 P05B83/10

US: 292/281 292/327 324/207.2 340/539.13 340/541 340/542 340/542P 340/545.6 340/545.600P 340/547 340/551 340/551P 340/568.1 340/571 340/572.3 367/135 705/28 705/28S

PatBase - US2009102649_AA

**Family:**

Publication number	Publication date	Application number	Application date
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US2009102649 AA	20090423	US20080253021	20081016
US2009102650 AA	20090423	US20080253046	20081016
US2009102652 AA	20090423	US20080253032	20081016
US2009102653 AA	20090423	US20080253053	20081016
US8111157 BB	20120207	US20080253032	20081016
US8138917 BB	20120320	US20080253021	20081016
US8154404 BB	20120410	US20080253046	20081016
US8319640 BB	20121127	US20080253053	20081016

Priority:

US20070981130P 20071019 US20080253021 20081016 US20080253032 20081016
US20080253046 20081016 US20080253053 20081016

Probable Assignee: N7 SYSTEMS LLC

Assignee(s): (std): DIENER MARK A ; KELLER JOHN R ; MCGINNIS JOHN ; MONTROSE RODNEY C ; N7 SYSTEMS LLC ;
RADER MICHAEL E

Inventor(s): (std): DIENER MARK A ; MONTROSE RODNEY C ; KELLER JOHN R ; MCGINNIS JOHN ; RADER MICHAEL E

Agent(s): WHITAKER CHALK SWINDLE AND SAWYER LLP; WHITAKER CHALK SWINDLE AND SCHWARTZ PLLC;
STEPHEN S

103) Family number: 30111223 (US2001040492A)

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Title: ELECTRONIC CAM ASSEMBLY

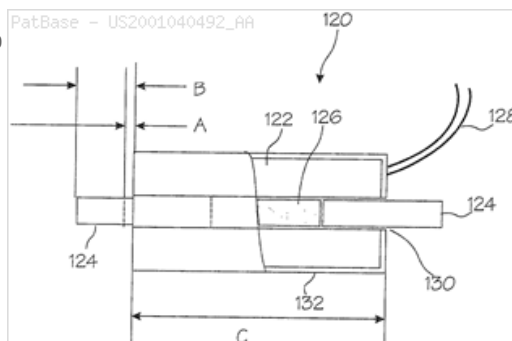
Abstract: A lock may be constructed with a locking mechanism that uses either a cam assembly with a cylinder plug perforated by a centrally positioned keyway or a cylinder plug. The locking mechanism may be equipped with a dual armature solenoid. With the dual action solenoid constructed with a single wire coil, the distal ends of coaxially aligned armatures engage opposite axially aligned detents to maintain the lock in its locked state, while application of a potential difference across the coil draws both armatures away from their corresponding detents and toward the bore of the coil, thereby placing the lock into its unlocked state.

Classifications:

International (IPC 8-9): E05B47/06 E05B49/00 E05B65/00 G07C9/00
G07F9/06 H01F7/16 (Advanced/Invention);
E05B47/00 E05B65/46 E05C9/04 (Advanced/Non-invention);
E05B47/06 G07C9/00 G07F9/06 H01F7/08 (Core/Invention);
E05B47/00 E05B65/44 E05C9/00 (Core/Non-invention)

International (IPC 1-7): E05B47/06 E05B49/00 H01F3/00 H01F5/00
CPC: E05B65/0075 G07C9/00896 G07C2009/00761 E05C9/047
G07C9/00658 E05B17/0062 E05B17/2084 E05B47/0012
Y10T70/7068 Y10T70/7073 Y10T70/7079 Y10T70/7102 Y10T70/7706
Y10T70/7062 E05B2047/0007 E05B47/026 E05B47/0002
E05B47/0004 E05B47/0005 E05B47/0603 E05B47/063 E05B65/461
E05B2047/0093 E05C9/042 G07C9/0069 G07C9/00706
G07C9/00912 G07F9/06 H01F7/1607

European: E05B47/00A1 E05B47/02R E05B47/06 E05B47/06A
E05B47/06C4R1 E05B65/00S G07C9/00E12 G07C9/00E12C4
G07C9/00E20 G07C9/00E20C G07F9/06 H01F7/16A P05B17/00M2
P05B17/20G P05B47/00A1B1 P05B47/00A1B2 P05B47/00A1D P05B47/00A4 P05B47/00P P05B65/46B P05C9/04C
S07C9/00E12C4 S07C9/00E12D S07C9/00E14B
US: 335/258 335/258P 335/259 335/267 340/5.52 70/277 70/278 70/278.1 70/278.2 70/278.200P 70/278.3 70/278.300S
70/278.7 70/379 70/379.00R 70/379.00RS 70/379R 702/780



Family:

Publication number	Publication date	Application number	Application date
EP1261789 A1	20021204	EP20000917597	20000204
EP1261789 A4	20060222	EP20000917597	20000204
US2001040492 AA	20011115	US20010822852	20010402
US2003221466 AA	20031204	US20030440304	20030519
US6209367 BA	20010403	US19980092080	19980605
US6588243 BA	20030708	US20000463420	20000204
US6891458 BB	20050510	US20010822852	20010402
US8528373 BB	20130910	US20030440304	20030519
WO0157346 A1	20010809	WO2000US00518	20000204

Priority:

US19970050941P 19970606 US19980092080 19980605 US20000463420 20000204
WO2000US00518 20000204 US20010822852 20010402 US20030440304 20030519

Probable Assignee: HYATT JR RICHARD G

Assignee(s): (std): HYATT JR RICHARD G ; HYATT RICHARD G JR ; TRENT DOUGLAS E

Assignee(s): HYATT RICHARD G

Inventor(s): (std): HYATT JR RICHARD G ; HYATT RICHARD G ; HYATT RICHARD G JR ; TRENT DOUGLAS E

Agent(s): BUSHNELL ESQ ROBERT E; ROBERT E

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE US

104) Family number: 30308223 (US2004031297A)

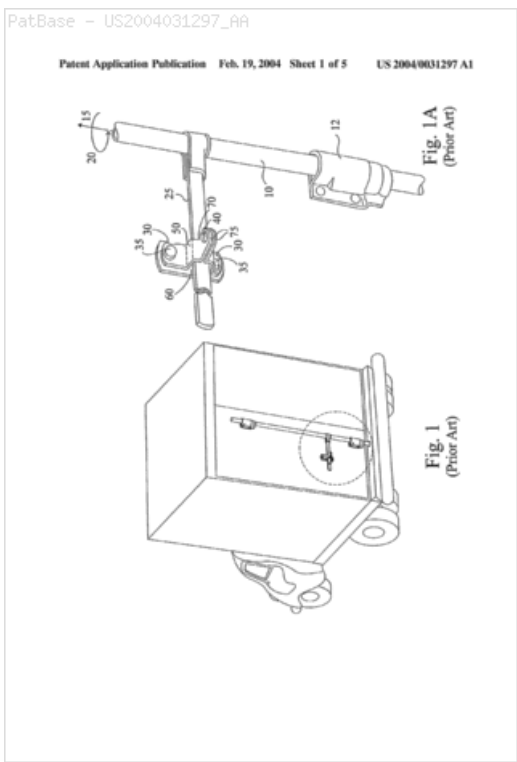
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Title: HINGED SECURITY COVER FOR VEHICLE DOOR HASP

Abstract: A security device for a vehicle door or shipping container hasp includes a hinged cover with a window that permits the hasp to partially project thereinthrough, and a lock for fixing the cover in an overlaying relationship with the hasp. The cover includes slots on the side for bypassing a lever held by said hasp, and otherwise shields the hasp from intrusion from a prying tool.

Classifications:

International (IPC 8-9): E05B67/38 (Advanced/Invention);
E05B13/00 (Advanced/Non-invention);
E05B67/00 (Core/Invention);
E05B13/00 (Core/Non-invention)
International (IPC 1-7): E05B13/00 E05B65/48
CPC: Y10S292/32 E05B83/10 E05B13/002 E05B67/38 E05B67/383
Y10T70/30 Y10T70/498 Y10T70/5779 Y10T70/7921
European: E05B67/38 E05B83/10 P05B13/00C P05B67/38B
US: 292/DIG.32 70/2 70/212 70/212S 70/2P 70/417 70/56



Family:

Publication number	Publication date	Application number	Application date
US2004031297 AA	20040219	US20020219233	20020815
US6708532 BB	20040323	US20020219233	20020815

Priority:

US20020219233 20020815

Probable Assignee:

RYADON INC

Assignee(s): (std):

RYADON INC

Inventor(s): (std):

WINLAND BRIAN

105) Family number: 31960227 (ES2230933B)

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Title: DISPOSITIVO DE CIERRE DE SEGURIDAD PARA CONTENEDORES DE CARGA Y SIMILARES

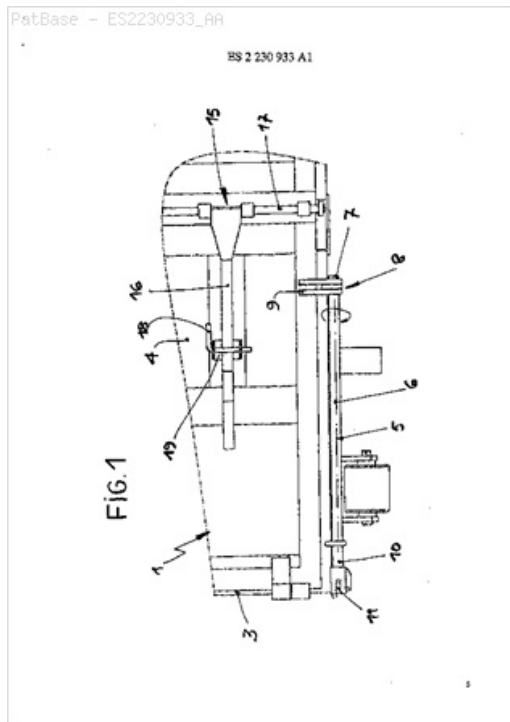
Abstract: Source: ES2230933B [ES] Dispositivo de cierre de seguridad para contenedores de carga y similares. Esta formado por una primera barra (5) substancialmente paralela a la puerta (4) del contenedor (1) la cual puede girar respecto a su eje longitudinal (6) e incluye un elemento de tope (8) solidario y en el extremo opuesto (10) otra barra (11) articulada a esta para su accionamiento en rotacion. El elemento de tope (8) queda en contacto con la puerta (4) en la posicion de cierre impidiendo la apertura de la puerta (4) con la segunda barra (11) junto a la pared lateral (3) del contenedor (1), alojada en un elemento de bloqueo (12) para impedir el giro de la primera barra (5).

Classifications:

International (IPC 8-9): E05B65/16 E05B83/10 (Advanced/Invention);
E05B65/12 (Core/Invention)

International (IPC 1-7): E05B65/16

European: E05B65/16B

**Family:**

Publication number	Publication date	Application number	Application date
ES2230933 AA	20050501	ES20020000537	20020306
ES2230933 BA	20060116	ES20020000537	20020306

Priority:

ES20020000537 20020306

Probable Assignee:

CONSTRUMET S L

Assignee(s): (std):

CONSTRUMET S L

Assignee(s):

CONSTRUMET SL

Inventor(s): (std):

ESTUDILLO LOPEZ JUAN

106) Family number: 6271229 (US5255542A)

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Title: LOCKING DEVICE FOR CONTAINER DOORS

Abstract: A device for locking a container attached to two leaves of a container door. The device consists of two pieces, one attached to each leaf of the door. A locking bar is inserted through a set of rings, attached to the two pieces, that align when the container doors are closed. A feature of the device allows the relative adjustment of the rings. In one embodiment, a separate metal plate replaces one of the rings and secures the control levers of the vertical bars of the container.

Classifications:

International (IPC 8-9): E05B13/00 E05B63/12 E05B67/36 E05C1/00 F16B21/16 F16B5/00 (Advanced/Invention); E05B65/16 E05C7/00 (Advanced/Non-invention); E05B67/00 F16B21/00 F16B5/00 (Core/Invention)

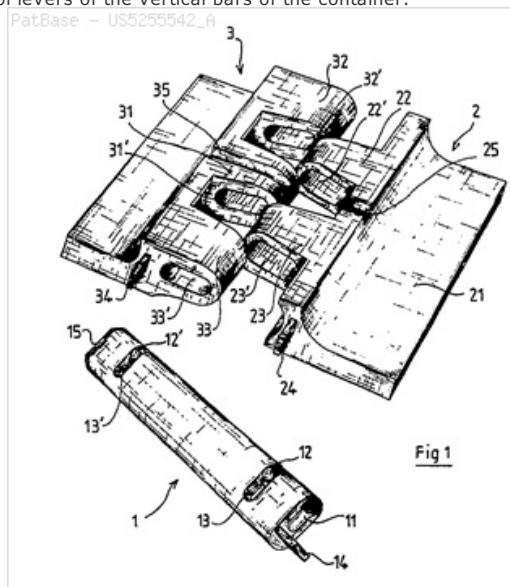
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CPC: E05B13/001 E05B63/122 E05B83/12 E05C1/006 E05C7/00 Y10T70/443 Y10T70/5212 Y10T70/7751 Y10T292/432 Y10T292/51 F16B5/0048 E05B67/36 F16B21/16

European: E05B13/00B E05B63/12C E05B67/36 E05C1/00C2

F16B21/16 F16B5/00A2D2 P05B83/12 P05C7/00

US: 292/302 292/327 70/104 70/34 70/340 70/386

**Family:**

Publication number	Publication date	Application number	Application date
EP0438950 A1	19910731	EP19900440082	19900917
FR2644830 A1	19900928	FR19890003728	19890322
FR2657386 A2	19910726	FR19900000827	19900122

KR19910014581 A	19910831	KR19900015124	19900922
US5255542 A	19931026	US19900584716	19900919

Priority:

FR19890003728 19890322 FR19900000827 19900122

Probable Assignee: FORTIN JEAN

Assignee(s): (std): FORTIN JEAN

Inventor(s): (std): FORTIN JEAN ; JEAN FORTIN

Designated states: AT BE CH DE DK ES GB GR IT LI LU NL SE

107) Family number: 33111235 (US2006153733A)

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Title: DOOR HANDLE SANITIZER SYSTEM AND APPARATUS

Abstract: An apparatus and method for sanitizing door handles includes dispensing a germicide, such as a disinfectant, antibacterial solution or cleansing agent, onto a door handle at controlled intervals. The door handle sanitizer further includes a source of liquid or gaseous disinfectant, a spray nozzle configured to convey liquid or gaseous disinfectant from the source to the nozzle and for dispensing the liquid or gaseous disinfectant onto the handle, and a controller for causing the liquid or gaseous disinfectant to be conveyed to the handle in intervals, wherein the intervals are responsive to an external condition and the controller if free of any manual activation.

Classifications:

International (IPC 8-9): A61L2/18 B05B17/00 B65D83/00 B65D83/14 B65D83/16 B67D1/07 B67D3/00 B67D5/00 B67D5/08 B67D5/64 B67D7/08 B67D7/84 B67D99/00 E05B1/00 G04C23/42 G05D7/00 (Advanced/Invention);

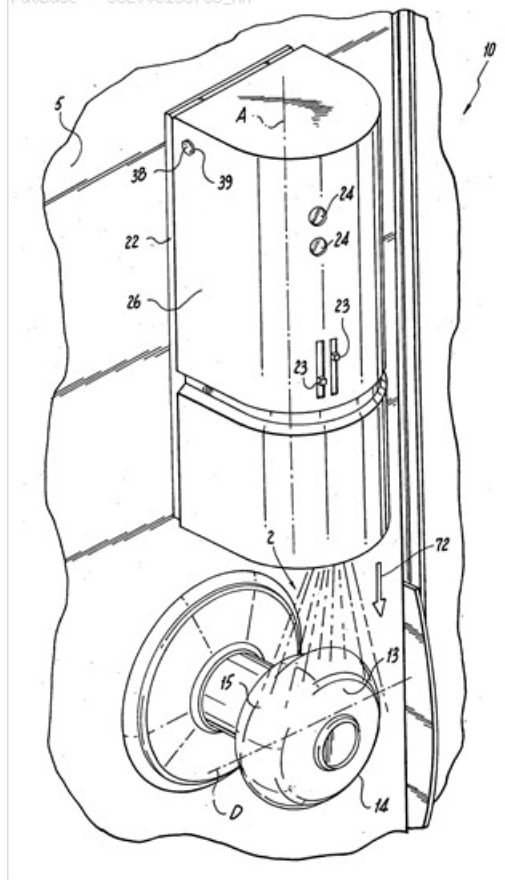
A61L2/18 B67D1/00 B67D7/08 (Core/Invention)

CPC: B65D83/267 G04C23/44 A61L2/24 A61L2/18 A61L2/20 A61L2/22 B65D83/26 B65D83/262 B65D83/384 B65D83/7575 E05B1/0069

European: A61L2/18 A61L2/20 A61L2/22 A61L2/24 B65D83/26 B65D83/26B B65D83/26D B65D83/7575 E05B1/00G L65D83/26D L65D83/38E

US: 222/1 222/160 222/160S 222/180 222/181.3 222/183 222/325 222/402.1 222/402.11 222/402.110P 222/504 222/52 222/52S 222/63 222/645 222/649 422/28 422/28P 422/292 422/292S

PatBase - US2006153733_AA



Family:

Publication number	Publication date	Application number	Application date
AU2006203853 AA	20060713	AU20060203853	20060109
AU2006203853 AB	20070823	AU20060203853	20060109
CN101111449 A	20080123	CN200680003371	20060109
EP1838608 A2	20071003	EP20060717974	20060109
EP1838608 A4	20080507	EP20060717974	20060109
JP2008527213 T2	20080724	JP20070550565T	20060109
US2006153733 AA	20060713	US20050104292	20050411
US2006243762 AA	20061102	US20060476465	20060627
US2007272715 AA	20071129	US20070749132	20070515
US2008023497 AA	20080131	US20070838847	20070814
US2008023505 AA	20080131	US20070749145	20070515
US7320418 BB	20080122	US20060476465	20060627
US7360674 BB	20080422	US20070749132	20070515
WO06074454 A2	20060713	WO2006US00841	20060109
WO06074454 A3	20061012	WO2006US00841	20060109
WO06074454 A4	20090122	WO2006US00841	20060109

Priority:

US20050642792P 20050110	US20050104292 20050411	WO2006US00841 20060109
US20060476465 20060627	US20070749145 20070515	US20070749132 20070515
US20070838847 20070814		

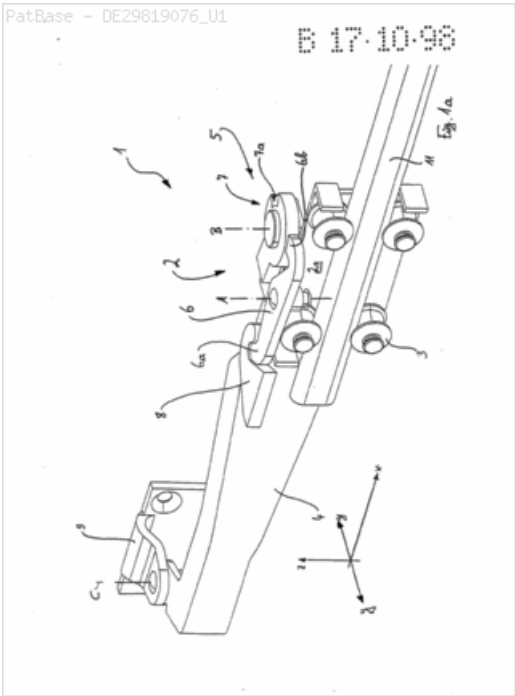
Probable Assignee: HYSO TECHNOLOGY LLC

Assignee(s): (std): HYSO TECHNOLOGY LLC ; SASSOON SIMON
Inventor(s): (std): SASSOON SIMON ; SIMON SASSOON
Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; DARBY AND DARBY PC; DARBY AND DARBY
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

108) Family number: 16983235 (DE29819076U1) © PatBase

Title: Sliding door for vehicles
Abstract: Source: DE29819076U1 [DE] (Claim 1) 1 5. Schiebetuer nach einem oder mehreren der vorhergehendenAnsprueche, dadurch gekennzeichnet, dass das Rastmittel zur Fixierung des Wagens (2) in einer beliebigen Oeffnungspositioneinen federbelasteten Bremsklotz aus Gummi oder einem aehnlichen Material umfasst, das zurFixierung auf die Schiene (11) gedrueckt wird.
Machine translation: (Claim 1) 1 5 Sliding door on one or more of the vorhergehendenAnsprueche, wherein the catch comprises means for fixing the car (2) in any Oeffnungspositioneinen spring-loaded brake pad made of rubber or similar material, the zurFixierung on the rail (11) pressured.

Classifications:
International (IPC 8-9): B60J5/06 E05D15/10 (Advanced/Invention); B60J5/06 E05D15/10 (Core/Invention)
International (IPC 1-7): B60J5/06 E05D15/06
CPC: B60J5/06 E05D15/101 E05Y2900/531
European: B60J5/06 E05D15/10C2 P05Y900/531



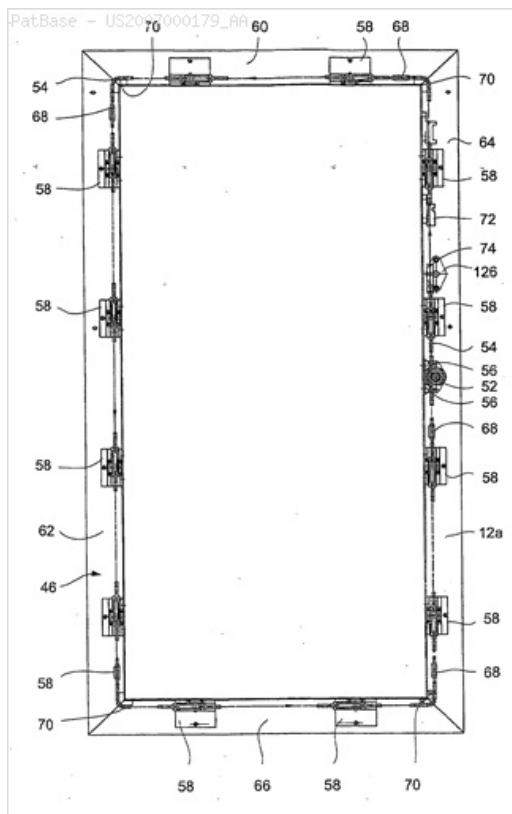
Family:

Publication number	Publication date	Application number	Application date
DE29819076 U1	19990408	DE19982019076U	19981016

Priority: DE19972019282U 19971017 DE19982019076U 19981016
Probable Assignee: LUNKE AND SOHN AG
Assignee(s): (std): LUNKE AND SOHN AG
Assignee(s): LUNKE AND SOHN AG 58455 WITTEN DE ; LUNKE AND SOHN 58455 WITTEN DE AG

109) Family number: 31518236 (US2007000179A) © PatBase

Title: SLIDING DOOR COMPRISING A GUIDE FOR A DOOR LEAF
Abstract: Disclosed is a sliding door (10) comprising a guide (16, 18) for a door leaf (14) which is movable within said guide (16, 18) between an open position and a closed position, and a locking device that locks the door leaf (14) in the closed position by means of frictional engagement. The locking device is provided with driving means (42), force transmitting means (54) that cooperate with the driving means (42), locking elements (80), and movement transducers (58) which move the locking elements (80). The locking elements (80) are displaced from a free position that releases the door leaf (14) into a holding position which maintains the door leaf (14) in frictional engagement.
Classifications:
International (IPC 8-9): E05D15/10 E06B3/46 (Advanced/Invention); E05D15/10 E06B3/32 (Core/Invention)
International (IPC 1-7): E06B3/46
CPC: E06B3/4645
European: E06B3/46C2
US: 49/209 49/449



Family:

Publication number	Publication date	Application number	Application date
CA2533862 AA	20060126	CA20042533862	20040729
EP1649125 A1	20060426	EP20040763606	20040729
US2007000179 AA	20070104	US20040566072	20040729
WO05012682 A1	20050210	WO2004EP08505	20040729
WO05012682 B1	20050331	WO2004EP08505	20040729

Priority:

DE20031034870 20030729 WO2004EP08505 20040729

Probable Assignee: HOEDTKE GMBH AND CO METALL U LASERTECHNIK KG

Assignee(s): (std): HOEDTKE GMBH AND CO KG ; HOEDTKE GMBH AND CO KG METALL UN ; HOEDTKE GMBH AND CO METALL UN KG ; KROHN DIETER ; HOEDTKE GUENTER F ; HOEDTKE GMBH CO METALL U KG ; HOEDTKE GMBH CO KG METALL UND

Assignee(s): HOEDTKE GMBH ; HOEDTKE GMBH CO KG METALL UND LASERTECHNIK ; HOEDTKE GMBH CO METALL U LASERTECHNIK KG ; HOEDTKE GMBH AND CO KG METALL UND LASERTECHNIK ; HOEDTKE GMBH AND CO METALL U LASERTECHNIK ; HOEDTKE GMBH AND CO METALL U LASERTECHNIK KG

Inventor(s): (std): HOEDIKE GUENTER ; HOEDTKE GUENTER F ; KROHN DIETER

Agent(s): RIDOUT AND MAYBEE LLP; KENNETH L MITCHELL, WOODLING CROST AND RUST; KENNETH L MITCHELL WOODLING CROST AND RUST

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 KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

110) Family number: 20660237 (US2004010706A)

© PatBase

Title: HIGH SECURITY WIRELESS KEY FOR ASYNCHRONOUS DELIVERY DROP BOXES

Abstract: A wireless key (6), capable of transmitting an ultra-low frequency radio wave signal (5), is used to gain access to a secure receptacle (1), the wireless key (6) and receptacle (1) comprising a system to ensure the secure transfer or delivery of items between parties typically engaging in e-commerce. The wireless key (6) possesses a means to discriminate against the unauthorized entry of the receptacle, such as through the use of buttons to enter a secure access code. The wireless key (6) accepts an access code entry from the user desiring entry to the receptacle (1) and subsequently transmits an ultra-low frequency signal (5) to a receiving and processing means (4). If the analysis of the signal indicates the user of the wireless key (6) is authorized to gain entry to the receptacle (1), the receptacle's locking mechanism (3) is disengaged to allow entry.

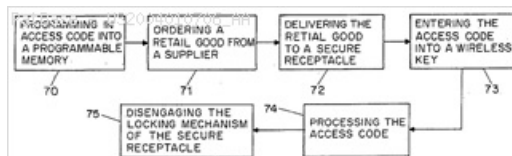
Classifications:

International (IPC 8-9): A47G29/12 B65D77/04 B65D81/20 B65D81/38 E05B47/00 G06F1/26 G06F11/00 G06F17/00 G06F21/10 G06F7/04 G06F7/08 G06K15/00 G06K7/01 G06Q10/00 G06Q10/08 G06Q30/00 G07C9/00 G07F17/12 G07F7/00 G08B13/14 G08B29/00 H04B17/00 H04L29/06 H04L9/32 H04Q5/22 (Advanced/Invention); G06F21/62 G06F21/86 G07B17/00 G11B20/00 (Advanced/Non-invention);

E05B47/00 G07C9/00 G07F17/10 G07F7/00 G08B13/14 H04Q5/00 (Core/Invention)

International (IPC 1-7): B65D81/20 E05B47/00 G06F G06F17/60 G06F7/04 G06F7/08 G06K5/00 G08B13/14 H04B17/00 H04L9/32

CPC: G07B2017/00209 G06Q30/00 G07C9/00039 G07C9/00103 G07C9/00166 G07C9/00571 G07C9/00896 G07C9/00912 G07C2009/00793 G07F17/12 G06Q30/0601 G06Q99/00 G07F17/0042 G06Q10/087 G07C9/00174 G07C9/00182



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235/385 235/385P 340/10.42 340/10.420P 340/514 340/531 340/531S 340/539.21 340/569 340/572.7 340/572.700P 379/903
379/903S 455/115.4 455/63.1 455/63.100S 455/67.11 455/67.110P 455/67.7 702/182 702/182S 705/26 705/26.1
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726/4 726/4P

Family:

Publication number	Publication date	Application number	Application date
AU2001268172 AA	20011217	AU20010268172	20010604
AU2001288468 AA	20020313	AU20010288468	20010828
AU200168172 A1	20011217	AU20010068172	20010604
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AU200188468 A1	20020313	AU20010088468	20010828
AU200188468 A5	20020313	AU20010088468	20010828
AU2002253789 AA	20020904	AU20020253789	20011105
CA2411846 AA	20021203	CA20012411846	20010604
CA2457141 AA	20040226	CA20012457141	20010828
US2004010706 AA	20040115	US20030415502	20030428
US2004026504 AA	20040212	US20020297246	20021203
US2004205350 AA	20041014	US20040832853	20040427
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US2005029345 AA	20050210	US20040888372	20040709
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US2007205273 AA	20070906	US20060276506	20060302
US2007283160 AA	20071206	US20060566135	20061201
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US7242290 BB	20070710	US20040711334	20040910
US7536721 BB	20090519	US20060566135	20061201
US7597256 BB	20091006	US20060276506	20060302
US9069933 BA	20150630	US20070754261	20070525
WO0195058 A2	20011213	WO2001US18061	20010604
WO0195058 A3	20020606	WO2001US18061	20010604
WO02067076 A2	20020829	WO2001US43999	20011105
WO02067076 A3	20030227	WO2001US43999	20011105
WO02067076 C2	20030103	WO2001US43999	20011105
WO0219092 A1	20020307	WO2001US26840	20010828

Priority:

US20000209149P 20000603	US20000209149P 20000603	US20000228555P 20000828
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US20070754261 20070525	US20070762739 20070613	

Probable Assignee: VISIBLE ASSETS INC

Assignee(s): (std): AUGUST JASON ; EBOX COM ; EBOX COM INC ; EBOXCOM INC ; STEVENS JOHN ; STEVENS JOHN K ; WATERHOUSE PAUL ; VISIBLE ASSETS INC ; EBOX USA INC

Assignee(s): EBOXCOM ; VERGE CHRISTOPHER W ; TRUONG KENNETH ; VANDENBERG MICHAEL J ; LEUNG GRANT ; EBOX USA INC A DELAWARE CORP ; EBOX U INC SA

Inventor(s): (std): VANDENBERG MICHAEL J ; TRUONG KENNETH ; STEVENS JOHN ; LEUNG GRANT ; AUGUST JASON ; STEVENS JOHN K ; STEVEN JOHN K ; WATERHOUSE PAUL ; VERGE CHRISTOPHER W

Inventor(s): VERGE CHRISTOPHER ; JOHN K STEVENS ; STEVEN JOHN

Agent(s): CASSAN MACLEAN; MCGINN AND GIBB PLLC; JASON AUGUST; OPPEDAHL AND LARSON LLP; OPPEDAHL PATENT LAW FIRM LLC - VAI; OPPEDAHL PATENT LAW FIRM LLC VAI; MICHAEL J BUCHENHORNER; OPPEDAHL PATENT LAW FIRM LLC; LARSON AND ANDERSON LLC

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 LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

111) Family number: 49559238 (US2011219827A)

© PatBase

Title: BIKE LINK FOR SECURING A BIKE

Abstract: A bicycle link having one or more openings that can be pi-shaped and having a slider that closes a portion of the one or more openings is disclosed. The slider can be secured in place in relation to the bicycle link with a padlock or the like being placed in aligned holes in the slide and it the portion of the bicycle link containing the slider. Cables, chains and the like are placed in the openings and secured to immovable objects. When the slider is locked in place to close a portion of the

openings, this arrangement secures the bicycle.

Classifications:

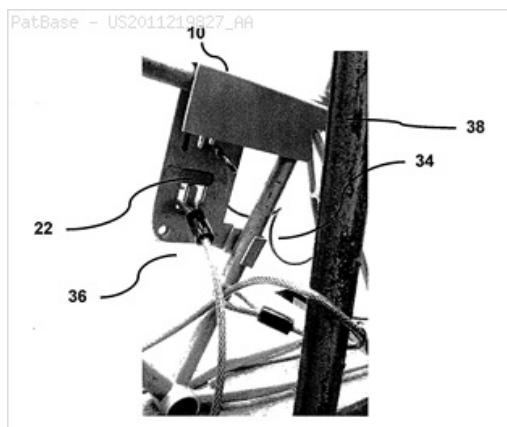
International (IPC 8-9): B62H5/00 E05B67/06

E05B71/00 (Advanced/Invention)

CPC: E05B71/00 B62H3/02 Y10T70/40 Y10T70/402 Y10T70/409
Y10T70/435 Y10T70/437 Y10T70/454 Y10T70/459 Y10T70/483
Y10T70/491 Y10T70/5009 Y10T70/5872 Y10T292/0902

European: B62H3/02

US: 292/87 70/14 70/15 70/18 70/233 70/30 70/31 70/38A 70/39
70/49 70/49P 70/53 70/53S 70/58



Family:

Publication number	Publication date	Application number	Application date
US2011219827 AA	20110915	US20110020984	20110204
US2014047871 AA	20140220	US20130061906	20131024
US8596102 BB	20131203	US20110020984	20110204
US8776560 BB	20140715	US20130061906	20131024

Priority:

US20100312042P 20100309 US20100360282P 20100630 US20110020984 20110204
US20130061906 20131024

Probable Assignee: STANTON CONCEPTS LLC

Assignee(s): (std): LOUGHLIN JOHN ; LOUGHLIN ROBERT ; STANTON CONCEPTS INC

Assignee(s): STANTON CONCEPTS LLC

Inventor(s): (std): LOUGHLIN JOHN ; LOUGHLIN ROBERT

Agent(s): GLEN M; GRAHAM CURTIN PA

112) Family number: 13109246 (DE19610034A1)

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Title: Central locking for office furniture e.g. cabinet and doors

Abstract: The furniture item, or door, is fitted with a slider mechanism to lock and unlock. The slider has a solenoid which has a spring loaded catch (6) to lock into a hole in the slider. The catch is pulled back by the solenoid. The security system uses a chip card to release a set of authorised locks eg. a set of cabinets in an office. The solenoid catch extends through a reinforcing plate (3) which prevents forcing of the catch. The solenoid is mounted to the inside of the slider assembly and is connected to the central locking system by simple wiring.

Classifications:

International (IPC 8-9): E05B47/02 E05B49/04

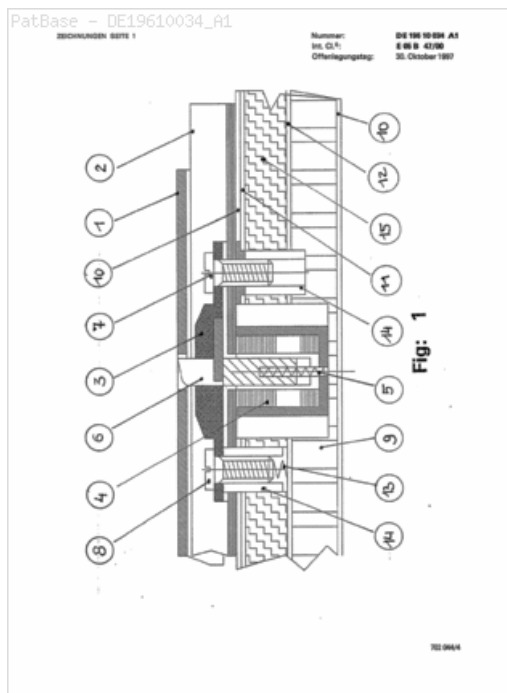
E05B65/46 (Advanced/Invention);

E05B47/02 E05B49/04 E05B65/44 (Core/Invention)

International (IPC 1-7): E05B47/00 E05B49/04

CPC: E05B47/0002 E05B47/0004 E05B47/026 E05B65/46

European: E05B47/00A1 E05B47/02 E05B47/02R E05B65/46
P05B47/00A1B1



Family:

Publication number	Publication date	Application number	Application date
DE19610034 A1	19971030	DE19961010034	19960314

Priority:

DE19961010034 19960314

Probable Assignee: WAGNER FRANZ XAVER

Assignee(s): (std): WAGNER FRANZ XAVER
Assignee(s): WAGNER FRANZ XAVER 81541 MUENCHEN DE
Inventor(s): (std): WAGNER FRANZ XAVER
Inventor(s): WAGNER FRANZ XAVER 81541 MUENCHEN DE

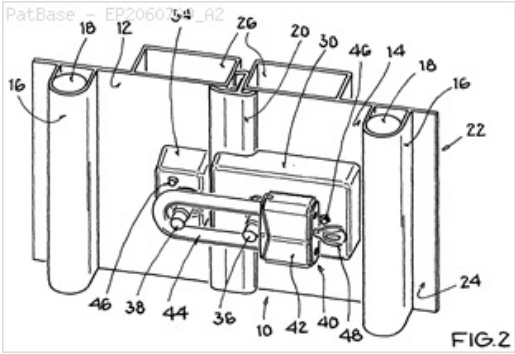
113) Family number: 43226250 (EP2060709B1)

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Title: Locking device

Abstract: Source: EP2060709A3 [DE] Eine Verriegelungsanordnung (10) zum Verriegeln einer Tuer (12) an einem Gegenstueck (14) umfasst einen ersten Rohrabschnitt (28) und einen zweiten Rohrabschnitt (32), wobei jeder der beiden Rohrabschnitte einen Sicherungssteg (36,38) aufweist, der den Innenraum des jeweiligen Rohrabschnitts (28,32) quer zur Laegsachse des Rohrabschnitts durchquert, und wobei jeder der beiden Rohrabschnitte (28,32) wenigstens eine Befestigungseinrichtung (36,38) zum Befestigen des jeweiligen Rohrabschnitts (28,32) an der Tuer (12) bzw. an dem Gegenstueck (14) aufweist.

Classifications:
International (IPC 8-9): E05B67/38 E05C19/18 (Advanced/Invention); E05B67/00 (Core/Invention)
CPC: E05B67/38 E05C19/186
European: E05B67/38 E05C19/18C



Family:

Publication number	Publication date	Application number	Application date
DE102007054026 A1	20090514	DE200710054026	20071113
EP2060709 A2	20090520	EP20080018411	20081021
EP2060709 A3	20101208	EP20080018411	20081021
EP2060709 B1	20120815	EP20080018411	20081021

Priority:

DE200710054026 20071113

Probable Assignee: BREMICKER SOEHNE KG A

Assignee(s): (std): BREMICKER SOEHNE A KG ; BREMICKER SOEHNE KG A

Assignee(s): ABUS AUGUST BREMICKER SOEHNE KG

Agent(s): MANITZ FINSTERWALD AND PARTNER GBR

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK TR

114) Family number: 31339251 (US2004226324A)

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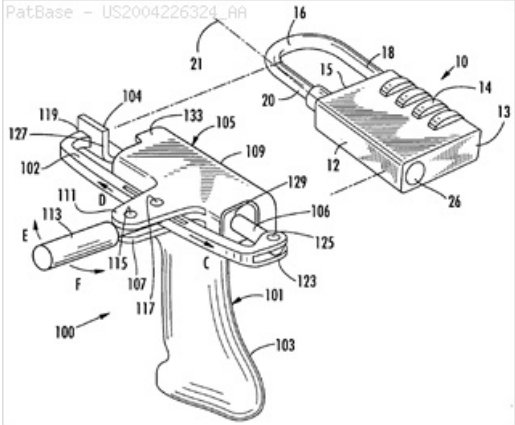
Title: MULTIPLE FUNCTION LOCK

Abstract: A multiple function lock comprising an engaging element and a captive element. The engaging element enters a captive space provided in the captive element for locking the lock. sThe captive element includes a selectable passage into the captive space for permitting the engagement element to be selectively released or secured. The selectable passage is revealed or concealed through translation or rotation of a blocking element. In certain embodiments, the multiple function lock comprises a body, a shackle having toe and heel portions, a first locking mechanism for securing the heel portion to the body and a separate second locking mechanism for securing the toe portion to the body. The second locking mechanism is operative to engage and disengage the toe portion from the body so the shackle may rotate about the heel portion secured by the body.

Classifications:
International (IPC 8-9): B05D7/00 C23C16/00 E05B19/20 E05B29/00 E05B29/04 E05B35/00 E05B37/00 E05B37/02 E05B37/06 E05B37/08 E05B49/00 E05B51/00 E05B65/00 E05B67/00 E05B67/02 E05B67/06 E05B67/08 E05B67/36 E05B67/38 E05B73/00 G05B19/00 G06F7/04 H04M1/00 H04Q1/00 (Advanced/Invention); E05B17/00 (Advanced/Non-invention); B05D7/00 C23C16/00 E05B19/00 E05B29/00 E05B37/00 E05B49/00 E05B51/00 E05B65/00 E05B67/00 E05B73/00 G05B19/00 G06F7/02 H04M1/00 H04Q1/00 (Core/Invention); E05B (Subclass/Invention)

International (IPC 1-7): E05B37/00 E05B37/06 E05B67/06 E05B67/38

CPC: E05B67/38 E05B17/14 E05B39/00 E05B63/143 E05B67/02 E05B2015/0482 Y10T70/7401 Y10T70/7418 Y10T70/7616 Y10T70/7633 Y10T70/7797 Y10T70/7802 Y10T70/7881 Y10T70/8622 Y10T70/415 Y10T70/422 Y10T70/424 Y10T70/428 Y10T70/439 Y10T70/459 Y10T70/48 Y10T70/489 Y10T70/491 Y10T70/498 Y10T70/7141 Y10T70/7147 Y10T70/5022 Y10T70/5155 Y10T70/7051 Y10T70/7153 Y10T70/7181 Y10T70/417 Y10T70/437 E05B67/22 E05B17/0062 E05B35/008 E05B35/105 E05B37/0034 E05B37/02 E05B37/025 E05B67/10 E05B2047/0083 E05B21/066 E05B19/00 E05B47/0012 E05B2047/0017 G07C9/00563 G07C9/0069 G07C9/00896 G07C2009/00769 E05B37/08 E05B37/0075 E05B37/10 E05B29/0013 E05B29/0066 C23C16/45506 B01F5/0256



B01J19/0013 B01J19/2405 B01J19/2415 B01J19/26 B01J2219/00159 B82Y30/00 C01B21/068 C01B32/956 C01P2002/72 C01P2004/04 C01P2004/64
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US: 118/715 118/715S 340/5.2 340/5.200P 340/5.55 340/5.550S 340/5.6 340/5.600P 427/212 427/212P 427/248.1 427/248.100S 455/556.1 455/556.100P 70/21 70/22 70/22P 70/24 70/24P 70/25 70/25P 70/27 70/27S 70/27P 70/284 70/285 70/286 70/286S 70/291 70/291S 70/31 70/31S 70/32 70/32P 70/329 70/32P 70/332 70/366 70/366P 70/38.00A 70/38A 70/394 70/395 70/409 70/454 70/48 70/48S 70/495 70/52 70/52S 70/53 70/53S 70/56 70/56P 70/56S 70/61 70/61S 70/91 70/91S

Family:

Publication number	Publication date	Application number	Application date
EP1774126 A2	20070418	EP20050774795	20050721
EP1807585 A2	20070718	EP20050815333	20051021
US2004226324 AA	20041118	US20040845624	20040513
US2004255624 AA	20041223	US20040871800	20040618
US2005132764 AA	20050623	US20040968691	20041019
US2006016230 AA	20060126	US20050186698	20050721
US2006024435 AA	20060202	US20040965432	20041012
US2006096343 AA	20060511	US20050255659	20051021
US2008134729 AA	20080612	US20080069882	20080212
US2008314095 AA	20081225	US20080229857	20080827
US2009188282 AB	20090730	US20080229857	20080827
US2009280862 AA	20091112	US20090474709	20090529
US2010194526 AA	20100805	US20100728525	20100322
US2010194527 AA	20100805	US20100728475	20100322
US2010326143 AA	20101230	US20100851270	20100805
US2011138865 AA	20110616	US20110031687	20110222
US7021092 BB	20060404	US20040968691	20041019
US7424812 BB	20080916	US20040871800	20040618
US7434426 BB	20081014	US20040845624	20040513
US7694542 BB	20100413	US20050186698	20050721
US7712342 BB	20100511	US20050255659	20051021
US7913526 BB	20110329	US20080229857	20080827
US7913526 C1	20170221	US20080229857	20080827
US7913526 C2	20180412	US20080229857	20080827
US7934406 BB	20110503	US20080069882	20080212
US8047027 BB	20111101	US20100851270	20100805
US8146391 BB	20120403	US20110031687	20110222
WO04104329 A2	20041202	WO2004US14975	20040513
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WO04113651 A2	20041229	WO2004US19775	20040618
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WO06012459 A2	20060202	WO2005US25951	20050721
WO06012459 A3	20060316	WO2005US25951	20050721
WO06047239 A2	20060504	WO2005US37800	20051021
WO06047239 A3	20070301	WO2005US37800	20051021

Priority:

US20030470999P	20030516	US20030479742P	20030619	US20030482853P	20030626
US20030512626P	20031020	US20030512615P	20031020	US20040845624	20040513
US20040871800	20040618	US20040590201P	20040722	US20040965432	20041012
US20040968691	20041019	US20040621031P	20041021	US20050186698	20050721
WO2005US25951	20050721	US20050255659	20051021	WO2005US37800	20051021
US20080069882	20080212	US20080229857	20080827	US20090474709	20090529
US20100728525	20100322	US20100728475	20100322	US20100851270	20100805
US20110031687	20110222				

Probable Assignee: STANTON CONCEPTS LLC

Assignee(s): (std): ARLEDGE ARTHUR L ; ATWATER HARRY A ; FLAGAN RICHARD ; HOLUNGA DEAN ; LOUGHLIN JOHN ; STANTON CONCEPTS INC ; LOUGHLIN ROBERT ; STANTON CONCEPTS L L C

Assignee(s): STANTON CONCEPTS LLC ; CALIFORNIA INST ; CALIFORNIA INST OF TECHNOLOGY

Inventor(s): (std): ATWATER HARRY A ; FLAGAN RICHARD ; HOLUNGA DEAN ; LOUGHLIN JOHN ; LOUGHLIN ROBERT ; ARLEDGE ARTHUR L

Inventor(s): ARLEDGE ARTHUR ; ATWATER HARRY

Agent(s): LERNER DAVID LITTENBERG , KRUMHOLZ AND MENTLIK; LERNER DAVID LITTENBERG KRUMHOLZ AND MENTLIK; MYERS DAWES ANDRAS AND SHERMAN LLP; DIEHL SERVILLA LLC; LERNER DAVID LITTENBERG KRUMHOLZ AND MENTLIK LLP; GLEN M; SCOTT S

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 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

115) Family number: 53274254 (US2013073477A)

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Title: COMPUTER-IMPLEMENTED PROCESS FOR IMPROVED DELIVERY OF COMMODITIES TO CONSUMERS

Abstract: The invention provides an improved method of logistics and/or operations for conducting a direct-to-consumer e-commerce retail business. The logistics and/or operations system of the present invention may be used in connection with

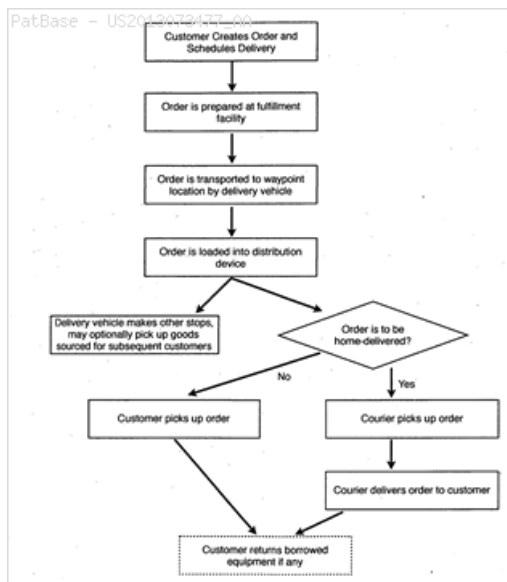
any online or e-commerce retail sector, including, for example, but not limited to, food retail (i.e., grocery retail), electronics, home goods, books, clothing, and shoes.

Classifications:

International (IPC 8-9): E05G1/02 E05G1/06 G06Q10/08 G06Q50/28 (Advanced/Invention)

CPC: A47G29/141 A47G2029/146 A47G2029/147 G06Q30/00

US: 109/23 705/332 705/333 705/339



Family:

Publication number	Publication date	Application number	Application date
US2013073477 AA	20130321	US20120610768	20120911

Priority:

US20110533222P 20110911 US20110547752P 20111017 US20120610768 20120911

Probable Assignee:

GRINBERG GREG

Assignee(s): (std):

GRINBERG GREG

Inventor(s): (std):

GRINBERG GREG

116) Family number: 13127256 (WO9429553A1)

© PatBase

Title: SLIDING LATCH

Abstract: A sliding latch which includes a bolt, bolt guide means allowing axial sliding of the bolt between a latch engaged condition and a latch disengaged condition, and retainer means to hold the bolt in the engaged condition, there being a movable retaining means and a lock adapted to prevent movement of the retaining means. The bolt can be a solid member overlying another component, or can be open ended to embrace an end of a component, whereby the component cannot be removed in a direction transverse to the bolt axis.

Classifications:

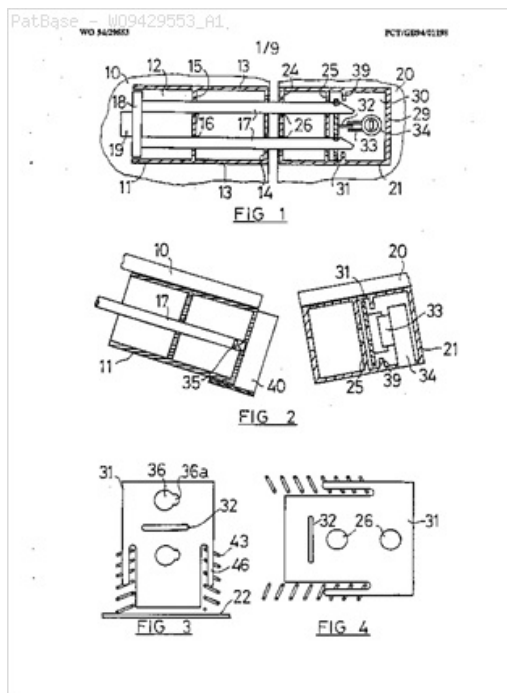
International (IPC 8-9): E05B13/00 E05B63/12 E05B63/24 E05B9/08 E05C7/00 (Advanced/Invention);

E05B65/16 E05B67/06 E05B67/38 (Advanced/Non-invention)

International (IPC 1-7): E05B13/00 E05B63/12 E05B63/24 E05B9/08 E05C7/00

CPC: E05B9/08 E05B13/002 E05B63/128 E05B63/244 E05B67/063 E05B67/383 E05B83/10 E05C7/00

European: E05B13/00C E05B63/12H E05B63/24C E05B9/08 E05C7/00 P05B67/06B P05B67/38B P05B83/10



Family:

Publication number	Publication date	Application number	Application date
GB9311473 A0	19930721	GB19930011473	19930603
GB9312337 A0	19930728	GB19930012337	19930615
GB9313659 A0	19930818	GB19930013659	19930702
GB9317578 A0	19931006	GB19930017578	19930824

GB9318393 A0	19931020	GB19930018393	19930904
WO9429553 A1	19941222	WO1994GB01198	19940602

Priority:

GB19930011473 19930603 GB19930012337 19930615 GB19930013659 19930702
GB19930017578 19930824 GB19930018393 19930904

Probable Assignee: KIBBLE ANTHONY W

Assignee(s): (std): KIBBLE ANTHONY W

Assignee(s): KIBBLE ANTHONY WILFRED

Inventor(s): (std): KIBBLE ANTHONY WILFRED

Designated states: AT BE CA CH DE DK ES FR GB GR IE IT JP LU MC NL PT SE US

117) Family number: 32503261 (US2005275234A)

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Title: MOBILE LOCKER

Abstract: The present invention relates to a locker system for temporarily receiving valuables comprising a housing and at least one lockable access opening or at least one locker. The locker system can be arranged on a vehicle and can be transferred from a transport position into an operating position. According to a further embodiment of the invention, the locker system comprises wheels or rolls which are configured in such a manner that in a transport position they allow transport of the locker system (10) and in an operating position they prevent unauthorized transport of the locker system (10). The invention moreover relates to a vehicle comprising one or more locker systems of this kind.

Classifications:

International (IPC 8-9): B60P3/03 E05G1/00

E05G1/08 (Advanced/Invention);

E05G1/00 (Advanced/Non-invention);

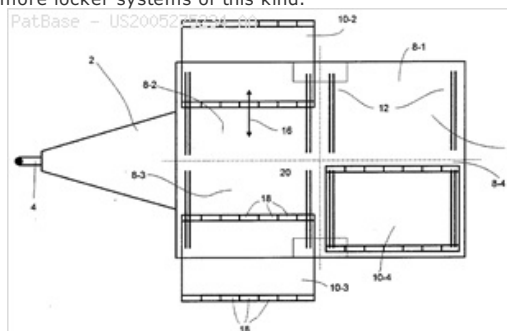
B60P3/00 E05G1/00 (Core/Invention)

International (IPC 1-7): B60P3/03 B62C1/06 E05G1/00 E05G1/06 E05G1/08

CPC: B60P3/03 E05G1/005 E05G1/08

European: B60P3/03 E05G1/00C E05G1/08 P05G1/00C

US: 296/10



Family:

Publication number	Publication date	Application number	Application date
DE102004034901 B3	20051222	DE200410034901	20040719
DE202005000282 U1	20050512	DE200520000282U	20050110
EP1607565 A1	20051221	EP20050010639	20050517
US2005275234 AA	20051215	US20050144858	20050603

Priority:

DE200410028732 20040614 DE200410034901 20040719 DE200520000282U 20050110

Probable Assignee: BRAUN MICHAEL

Assignee(s): (std): BRAUN MICHAEL ; OTTENTHAL THOMAS

Inventor(s): (std): BRAUN MICHAEL ; OTTENTHAL THOMAS

Agent(s): HOFFMANN AND BARON LLP

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

118) Family number: 49391267 (DE202011050080U1)

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Title: SICHERHEITSSYSTEM ZUM SICHEREN VERSCHLIESSEN VON TUEREN VON TRANSPORTFAHRZEUGEN SECURITY SYSTEM FOR SAFE CLOSING DOORS OF TRANSPORT VEHICLES (Machine translation)

Abstract: Source: DE202011050080U1 [DE] Ein verschliessbarer Behälter (1) umfassend eine Tür (2) geeignet zum Beladen und Entladen des Behälters (1) und eine auf der Innenseite des Behälters (1) angeordnete Schliessvorrichtung (3) zum sicheren Verriegeln der Tür (2) im geschlossenen Zustand, wobei die Schliessvorrichtung (3) mindestens einen Schliessmechanismus (31) mit mindestens einem Bolzen (32) zum Verriegeln der Tür (2) umfasst, wobei der Schliessmechanismus (31) dazu vorgesehen ist, den Bolzen (32) in einer ersten Position (P1) zum Schliessen der Tür (2) zu halten und nach dem Verschliessen der Tür (2) von der ersten Position (P1) in eine zweite Position (P2) zum sicheren Verriegeln der Tür (2) zu verschieben, wobei der Bolzen (32) eine Sollbruchstelle (33) umfasst, die dazu geeignet ist, den Bolzen (32) vom Schliessmechanismus (31) bei einer Gewalteinwirkung auf die geschlossene Tür (2) so zu trennen, dass der vom Schliessmechanismus (3) getrennte Bolzen (32a) die Tür (2) weiterhin sicher verschliesst.

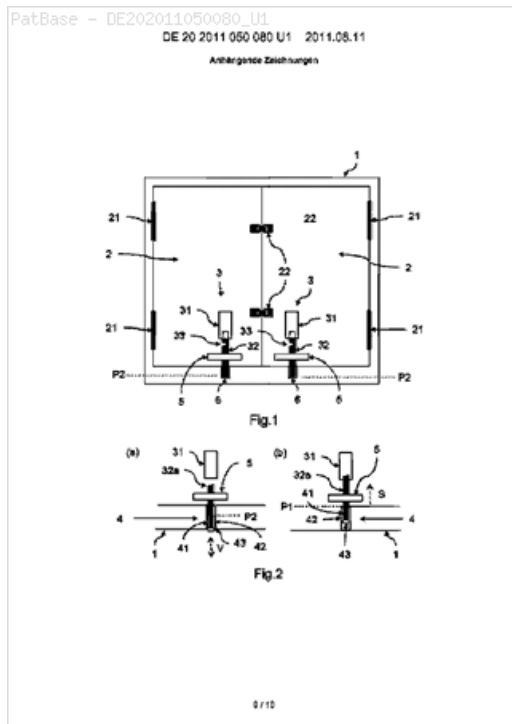
Machine translation: To hold a lockable container (1) comprehensively a door (2) suitably to loading and unloading the container (1) and one on the inside of the container (1) arranged Schliessvorrichtung (3) for safe locking of the door (2) in the closed condition, whereby the Schliessvorrichtung (3) at least a closing mechanism (31) with at least one pin (32) for locking the door (2) enclosure, whereby the closing mechanism (31) is intended in addition, the pin (32) in a first position (P1) for closing the door (2) and after locking the door (2) of first To shift position (P1) into a second position (P2) for safe locking of the door (2), whereby the pin (32) covers a break section (33), in such a way which is suitable for it to separate the pin (32) from the closing mechanism (31) on an impact on the closed door (2) that from the closing mechanism (the door (2) locks 3) separate pins (32a) further reliably.

Classifications:

International (IPC 8-9): E05C1/02 (Advanced/Invention)

CPC: E05B81/10 E05B17/0062 E05B83/12

European: E05B17/00M2 E05B83/12 P05B51/02



Family:

Publication number	Publication date	Application number	Application date
DE202011050080 U1	20110811	DE201120050080U	20110510

Priority:

DE201120050080U 20110510

Probable Assignee:

DEUTSCHE POST AG

Assignee(s): (std):

DEUTSCHE POST AG

119) Family number: 3704267 (DE3406183A1)

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Title: Locking device

Abstract: The invention relates to a device for locking portable containers, doors, cupboards and the like. The essence of the invention is the combination of various components, namely a) a pneumatic or hydraulic pressure generator for supplying operating energy; b) a codable electronic control unit controlling at least one regulating or solenoid valve; c) and at least one working cylinder for the adjustment of a d) mechanical locking device.

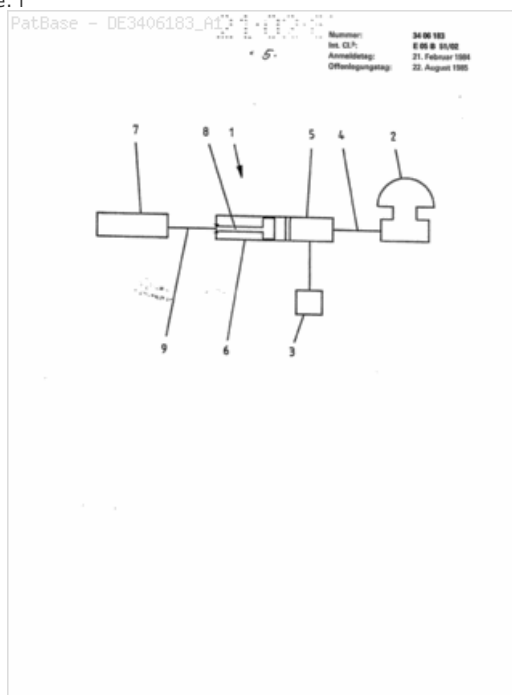
Classifications:

International (IPC 8-9): E05B51/02 (Advanced/Invention); E05B51/00 (Core/Invention)

International (IPC 1-7): E05B49/00 E05B51/02

CPC: E05B51/02 E05B2051/026

European: E05B51/02 P05B51/02C



Family:

Publication number	Publication date	Application number	Application date
DE3406183 A1	19850822	DE19843406183	19840221

Priority:

DE19843406183 19840221

Probable Assignee: DEGUSSA

Assignee(s): (std): DEGUSSA

Assignee(s): GOLD UND SILBER SCHEIDEANSTALT OBERSTEIN FRANZ REISCHAUER

Inventor(s): (std): BERNDT HELMUT ; REISCHAUER ULRICH DR

Inventor(s): BERNDT HELMUT DIPL WIRTSCH

120) Family number: 10520268 (US5622067A)

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Title: USER-CODABLE MAGNETIC LOCK

Abstract: A magnetically coded lock assembly has a lock having a housing formed with a key slot, a latch element movable in the housing between a locked and an unlocked position, and at least one magnet wheel in the housing rotatable adjacent the slot about a wheel axis. This magnet wheel is provided with a magnet, operatively engageable with the latch element, and displaceable between a blocking position preventing the latch element from moving from the locked to the unlocked position and a freeing position not blocking such movement of the latch element. A key has a body fittable in the slot and formed with at least one seat and a respective magnet-carrying disk rotatable in the seat about a disk axis through a plurality of angularly offset positions. Each disk is closely juxtaposed with a respective one of the wheels when the key body is fitted in the slot.

Classifications:

International (IPC 8-9): A61L2/16 E05B37/00

E05B47/00 (Advanced/Invention);

E05B37/00 (Advanced/Non-invention);

A61L2/16 E05B47/00 (Core/Invention);

E05B37/00 (Core/Non-invention)

International (IPC 1-7): E05B19/00 E05B37/00 E05B47/00

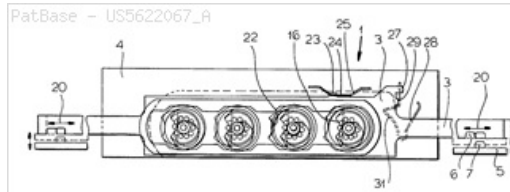
E05B65/52

CPC: Y10T70/7057 Y10T70/7141 Y10T70/7893 Y10T70/7904

E05B47/0042 E05B37/0031

European: E05B47/00B4 P05B37/00C

US: 70/276 70/284 70/411 70/413 702/760



Family:

Publication number	Publication date	Application number	Application date
DE4402349 A1	19950803	DE19944402349	19940127
DE59500871 D1	19971204	DE19955000871	19950113
EP0665351 A1	19950802	EP19950100410	19950113
EP0665351 B1	19971029	EP19950100410	19950113
TW289064 B	19961021	TW19950100876	19950127
US5622067 A	19970422	US19950377923	19950125

Priority:

DE19944402349 19940127 DE19955000871 19950113

Probable Assignee: SUDHAUS SCHLOSS U BESCHLAGTECHNIK GMBH AND CO

Assignee(s): (std): SUDHAUS SCHLOSS U BESCHLAGTECH ; SUDHAUS SCHLOSS UND BESCHLAGTECH ; SUDHAUS SCHLOSS BESCHLAGTECH

Assignee(s): SUDHAUS SCHLOSS U BESCHLAGTECHNIK GMBH ; SUDHAUS SCHLOSS UND BESCHLAGTECHNIK GMBH AND CO ; SUDHAUS SCHLOSS U BESCHLAGTECHNIK GMBH AND CO ; SUDHAUS SCHLOSS UND BESCHLAGTECHNIK GMBH AND CO 5 ; SUDHAUS SCHLOSS UND BESCHLAGTECHNIK GMBH AND CO 58644 ISERLOHN DE ; SUDHAUS SCHLOSS U BESCHLAGTECHNIK GMBH AND CO 58644 ISERLOHN DE

Inventor(s): (std): WAITZ KARL HEINZ

Inventor(s): WAITZ KARL HEINZ 58636 ISERLOHN DE ; WAITZ KARL HEINZ D 58636 ISERLOHN DE

Designated states: DE ES FR GB IT

121) Family number: 72615270 (WO19077458A1)

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Title: HIGHLY SECURE CLOSURE FOR CONTAINERS, PIPES, AND CYLINDERS

Abstract: The invention relates to the field of mechanical security, in particular a closure device for securely closing round, angular, and oval interiors. A closure device comprises a securing head (1) and a plurality of resistance elements (8) which protrude beyond the inner wall (23), wherein the securing head (1) has rotatably mounted securing locking elements (2) that have annular surfaces (2B), the respective section of which that faces the container is positioned below the retaining sides (8A) of the resistance elements (8) in the closure position, and the securing head (1) has recesses (9) which also pass through the securing locking elements (2) and which have a cross-section that corresponds to the paired resistance element (8). Furthermore, multiple locking surfaces (2C) which are distributed over the edge region and which have a cross-section that corresponds to the paired resistance element (8) are arranged on a respective annular surface (2B).

Classifications:

International (IPC 8-9): E05B37/12 E05B65/00 E05G1/00 E05G1/026

E05G1/04 (Advanced/Invention)

CPC: E05B37/12 E05B65/0075

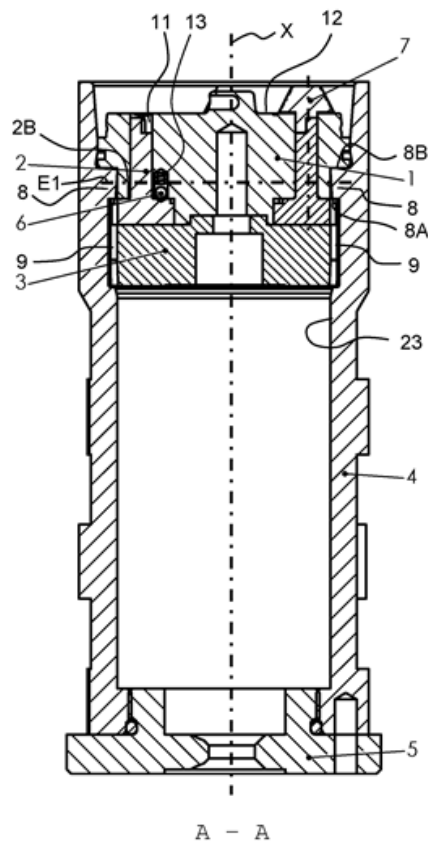


FIG. 5

Family:

Publication number	Publication date	Application number	Application date
DE102017124268 B3	20181227	DE201710124268	20171018
WO19077458 A1	20190425	WO20181B57948	20181012

Priority:

DE201710124268 20171018

Probable Assignee: SCHMIDT REINHOLD**Assignee(s):** (std): SCHMIDT REINHOLD**Inventor(s):** (std): SCHMIDT REINHOLD**Agent(s):** TAHHAN ISAM

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 DJ 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 JO JP KE KG KH KM KN KP KR KW 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

122) Family number: 1741270 (DE2204258A1)

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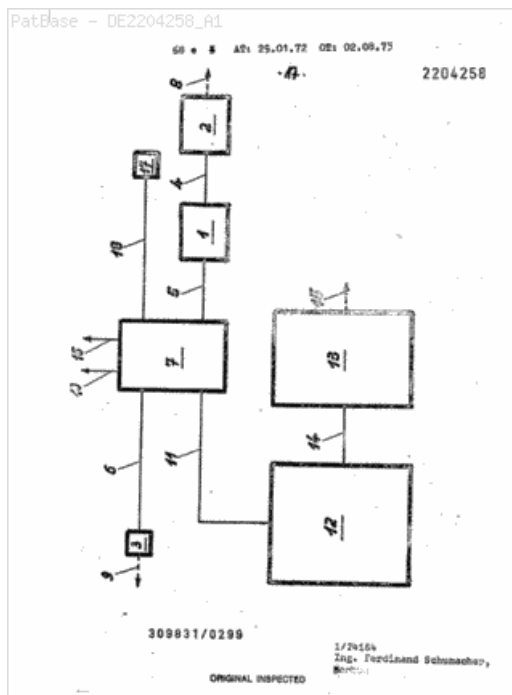
Title: SICHERUNGSANLAGE FUER GELDINSTITUTE BACKUP SYSTEM FOR FINANCIAL INSTITUTIONS (Machine translation)

Abstract: Source: DE2204258A1 [DE] Patentansprache: Sicherungsanlage fuer Geldinstitute, welche zur Aufbewahrung von Geld bzw Wertsachen mindestens ein Behaeltnis aufweisen, dessen Innenraum mittels wenigstens eines Verschlusselementes, wie zB einer Tuer, eines Gitters, einer Jalousie od dgl, verschliessbar und dieses Verschlusselement in seiner geschlossenen Stellung mittels mindestens eines Riegels eines oder mehrerer Schloesser verriegelbar ist, wobei eine Alarmanlage mit mindestens einer Ausloesevorrichtung vorhanden ist, dadurch gekennzeichnet, dass das Behaeltnis (1, 2, 12, 13) mit einem motorischen Schliessantrieb versehen ist, dessen Betaetigungsschalter mit jeder Ausloesevorrichtung (3) fuer die Alarmanlage funktionseinheitlich gekuppelt ist, derart, dass bei Betaetigung einer beliebigen Ausloesevorrichtung (3) das Verschlusselement selbsttaetig von seiner Offenstellung in seine Schliess- und Verriegelungsstellung versetzbar ist, wobei das Behaeltnis (1, 2, 12, 13) mit wenigstens einem, zB.

Machine translation: Patentansprache: security system for financial institutions, which have for storing money or valuables at least one container, the interior space by at least one closure element, such as a door, a grid, a blind od the like, be closed and this closure element in its closed position by means of at least one lock one or more castles can be locked, with an alarm system is provided with at least one Ausloesevorrichtung, characterized in that the container (1, 2, 12, 13) with a motorized Schliessantrieb is provided, whose Betaetigungsschalter with each Ausloesevorrichtung (3) for the alarm system coupled functionally uniform, so that when you press any Ausloesevorrichtung (3) the closure element selbsttaetig displaceable from its open position to its closing and locking position, wherein the container (1, 2, 12, 13) with at least one example.

Classifications:**International (IPC 8-9):** E05G5/00 (Advanced/Invention);

E05G5/00 (Core/Invention)
International (IPC 1-7): E05G1/04
CPC: E05G5/00
European: E05G5/00



Family:

Publication number	Publication date	Application number	Application date
DE2204258 A1	19730802	DE19722204258	19720129

Priority:

DE19722204258 19720129

Probable Assignee: SCHUMACHER FERDINAND
Assignee(s): (std): SCHUMACHER FERDINAND
Assignee(s): SCHUMACHER FERDINAND 4630 BOCHUM
Inventor(s): (std): SCHUMACHER FERDINAND
Inventor(s): SCHUMACHER FERDINAND 4630 BOCHUM

123) Family number: 3810270 (US3999489A)

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Title: Sliding wall arrangement for covered railroad freight cars

Abstract: The sliding wall includes a central wall section and two end wall sections, with the sections being co-planar in the closed state and movable, transversely of the car, out of the closing plane and into a shifting plane in which they are displaceable longitudinally of the car past closed wall sections. During shifting, the sliding wall sections are supported by rollers engageable with a rail, provided in an upper longitudinal stringer, and with the outer lateral surface of an outer lower longitudinal supporting beam, the stringer and the supporting beam forming, in cooperation with two corner posts, a side frame of the freight car. The upper rail is a single rectilinear and uninterrupted rail extending substantially the full length of the upper stringer. Each end section has, in the upper portion of its end adjacent the central section, an outwardly opening pocket having a horizontal catch member extending thereacross. The central section has, at the upper portion of each of its ends adjacent an end section, a sickle-shape catch lever pivotal on a horizontal axis parallel to the length of the car and, in the closing position of the sections, projecting into the pocket of the adjacent end section and engaging behind the catch member. Angle levers are oscillatable about horizontal pivots adjacent the bottom end of the central or center section and carry ball rollers on one end engageable with the supporting beam and, on their other end, hook portions which can pass through cut-outs in the supporting beam to engage against the inner lateral surface thereof. The catch levers and the angle levers are commonly operated by a known actuating mechanism. An oscillatable shaft supports the central section during its movement between the closing and shifting planes. When the center section is shifted to completely overlap an end section, the end section may also be shifted together with the center section. For this purpose, the upper edge of the central or center section has cut-outs permitting the supporting rollers of the end section to move from the closing plane into the shifting plane.

Classifications:

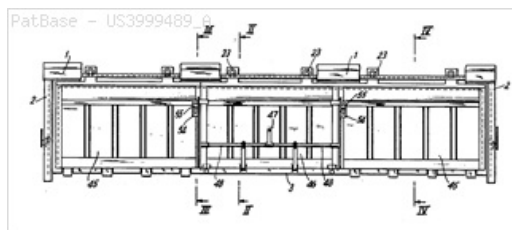
International (IPC 8-9): B61D19/00 E05D15/10 (Advanced/Invention); B61D19/00 E05D15/10 (Core/Invention)

International (IPC 1-7): B60J5/06 B60K B61D17/08 B61D19/00 B61D19/02 B62D33/04 B65D1/40 B65D43/20 E05D15/36 E05F11/54 E06B3/42

CPC: B61D19/007 E05D15/1068 E05D2015/1086 E05D2015/1094 E05Y2900/51

European: B61D19/00C3D E05D15/10T1 P05D15/10T4A P05D15/10T4A3 P05Y900/510

US: 105/378 160/197 49/127 49/130 49/222



Family:

Publication number	Publication date	Application number	Application date
AT342648 B	19780410	AT19750009576	19751217
AT957675 A	19770815	AT19750009576	19751217
BE836471 A4	19760401	BE19750162601	19751210
BE836471 R	19760401	BE19750162601	19751210
CH588964 A	19770630	CH19750016050	19751210
DD124111 W	19770202	DD19750190194	19751216
DE2459777 A1	19760701	DE19742459777	19741218

DE2459777 B2	19761111	DE19742459777	19741218
DE2459777 C3	19770630	DE19742459777	19741218
DK552575 A	19760619	DK19750005525	19751205
ES443447 A2	19770516	ES19750443447	19751212
FI58742 B	19801231	FI19750003568	19751217
FI58742 C	19810410	FI19750003568	19751217
FI753568 A	19760619	FI19750003568	19751217
FR2294897 A2	19760716	FR19750038430	19751216
FR2294897 B2	19781229	FR19750038430	19751216
GB1359102 A	19740710	GB19720028321	19720616
GB1537069 A	19781229	GB19750051698	19751217
IT1054682 A	19811130	IT19750030415	19751217
SE419071 B	19810713	SE19750014228	19751216
SE419071 C	19811022	SE19750014228	19751216
SE7514228 A	19760621	SE19750014228D	19751216
US3999489 A	19761228	US19750640758	19751215

Priority:

GB19720028321 19720616 DE19742459777 19741218 DE19742459777 19741218

Probable Assignee: WAGGON UNION GMBH

Assignee(s): (std): WAGGON UNION GMBH

Assignee(s): WAGGON UNION G M B H

Inventor(s): (std): WAGENER PAUL WERNER ; WAGENER P W ; SCHNEIDER FELIX ; SCHNEIDER F ; KRAMER ROLF ; KRAMER R ; KRAMER ROLF DIPL ING ; WAGENER PAUL

Inventor(s): WERNER WAGENER PAUL ; F SCHNEIDER ; R KRAMER ; PW WAGENER ; P W WAGENER

124) Family number: 1260271 (AT367156B)

© PatBase

Title: SICHERHEITSVERSCHLUSS, INSBESONDERE FUER TUEREN VON SICHERHEITSBEHAELTERN, WIE SAFES OD.DGL. SAFETY CAP, IN PARTICULAR FOR DOORS OF SECURITY CONTAINERS, SUCH AS BOXES OD.DGL. (Machine translation)

Abstract: Source: AT367156B [DE] [Source: Claim 1] 1.

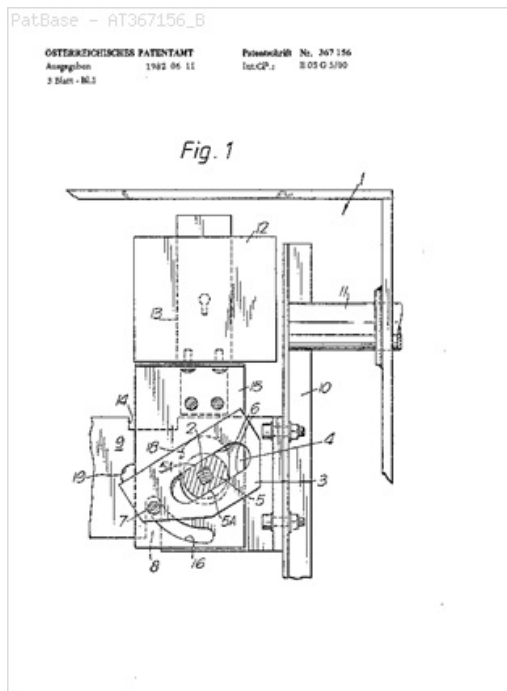
Classifications:

International (IPC 8-9): E05B65/00 (Advanced/Invention); E05B65/00 (Core/Invention)

International (IPC 1-7): E05G5/00

CPC: E05B65/0075

European: E05B65/00S



Family:

Publication number	Publication date	Application number	Application date
AT224280 A	19811015	AT19800002242	19800425
AT367156 B	19820611	AT19800002242	19800425

Priority:

AT19800002242 19800425

Probable Assignee: CHUBB AND SONS LOCK AND SAFE CO

Assignee(s): (std): CHUBB AND SONS LOCK AND SAFE CO

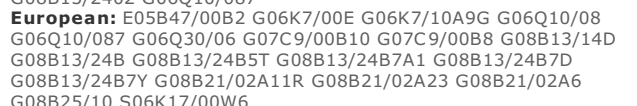
Assignee(s): CHUBB AND SON S LOCK AND SAFE CO LTD ; CHUBB AND SON S LOCK AND SAFE COMPANY LIMITED

125) Family number: 70781275 (US2010133126A)

© PatBase

Abstract: A locking device is provided for locking a container having sidewalls and at least one lid defining an open position and a closed position. The locking device may include an elongate lock member configured to engage the lid(s) and a lock housing that is associated with at least one of the sidewalls. The lock housing may be configured to at least partially receive the elongate lock member. The locking device may be designed to be installed on the container in the field, or the locking device may be integrally formed with the container. The lock housing may include a security element that is detectable by a security system to guard against theft of the container. In some cases, a security module is provided that releasably attaches to the lock housing to provide further alarm functionality.

International (IPC 8-9): B60Q1/00 B65D45/00 B65D45/28
B65D90/00 E05B47/00 E05C1/02 G01S5/02 G01V9/00 G06F15/173
G06K17/00 G06K7/01 G06G10/00 G06G10/08 G07C5/02 G07C9/00
G07F7/10 G08B13/00 G08B13/14 G08B13/24
H04Q5/22 (Advanced/Invention);
B65D45/00 B65D90/00 E05B47/00 (Core/Invention)
CPC: Y02D70/10 G06K7/0008 G06K7/10475 G06Q10/08
G08B13/2462 E05B47/004 Y10T292/096 Y10T292/1017
Y10T292/1029 Y10T292/495 Y10T292/499 G06Q30/06 G08B13/2471
G08B13/248 G08B13/2488 G07C9/00103 G07C9/00111
G08B13/1427 G08B21/0227 G08B21/0258 G08B21/0275 G08B25/10
G08B13/2402 G06G10/087



Family:

Priority:

Probable Assignee: CHECKPOINT SYSTEMS INC

PatBase PDF Export - Page: 99 04/06/2019

Assignee(s): BANK OF AMERICA NA ; SHUTE MATTHEW ROWLAND ; WELLS FARGO BANK ; CHECKPOINT SYSTEMS INC THOROFARE ; KOZLOWSKI WILLIAM JACOB JR

Inventor(s): (std): MERCIER MICHAEL ; WYATT JR JAMES GORDON ; SHAFER GARY MARK ; ECKERT LEE H ; WYATT JAMES GORDON ; WHYATT JAY GARY ; ECKERT LUIS H ; MICHAEL MERCIER ; MARK SHAFER GARY ; GARY WHYATT JAY ; KOZLOWSKI WILLIAM JACOB JR ; SHUTE MATTHEW ROWLAND ; KOZLOWSKI JR WILLIAM JACOB ; SHUTE MATTHEW R ; KOZLOWSKI WILLIAM JACOB ; WYATT JAMES GORDON JR ; GORDON WYATT JAMES JR

Inventor(s): MATTHEW R SHUTE ; WILLIAM JACOB KOZLOWSKI

Agent(s): FISHER ADAMS KELLY ; FISHER ADAMS KELLY PTY LTD ; SPRUSON AND FERGUSON ; FISHER ADAMS KELLY CALLINANS ; SMART AND BIGGAR ; HASELTINE LAKE LLP ; REES SIMON JOHN LEWIS ; CARVAJAL Y ISABEL ; ALSTON AND BIRD LLP ; NATHANIEL T ; GLESSNER MICHELE M ET AL ; QUIRK NATHANIEL T ET AL ; KAPLAN ADAM M ET AL

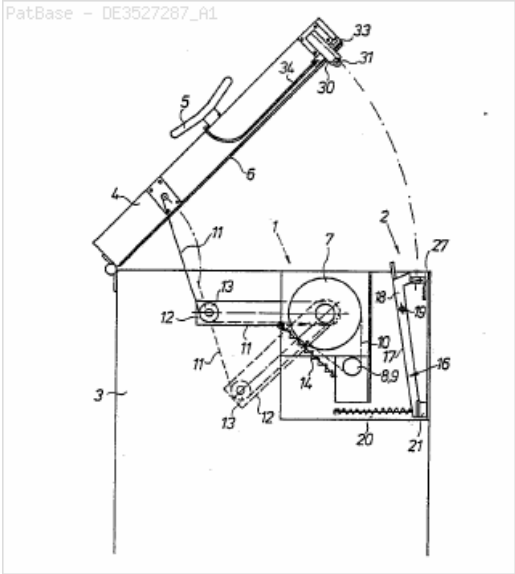
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY 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

126) Family number: 4299280 (DE3527287A1)
PatBase

Title: AUTOMATIC CLOSING SYSTEM FOR FIRE-PROOF CABINETS

Abstract: The invention relates to an automatic closing system for fire-proof cabinets, safes or the like. It consists of an electromagnetically lockable door closer (1) and of an automatic blocking mechanism (2). When danger occurs, the door closer (1) pulls the door (4) shut, whilst at the end of the closing movement the automatic blocking mechanism, the electromagnetic lock (21) of which is also cancelled, drops in and locks the door (4). The lock can be cancelled again by hand via the closing mechanism of the cabinet door (4). The door closer (1) preferably possesses a spring rope pulley (7) with a rotation damper (9) and with an electromagnet (8), as well as a spring-loaded pivotable rope lever (12) which tensions the pull rope (11) in any opening position of the door (4). The blocking mechanism (2) comprises a pivotably or pullably mounted blocking bolt (16) which engages behind a blocking pin on the door (4). When the electromagnet (21) has dropped, the blocking bolt (16) is kept open, counter to the tension spring (20), by a pivotable blocking pawl (27), the supporting effect of which is cancelled only by the blocking pin (30).

Classifications:
International (IPC 8-9): A62C2/24 E05F1/00 E05G1/04 (Advanced/Invention); A62C2/00 E05F1/00 E05G1/00 (Core/Invention)
International (IPC 1-7): E05F15/20 E05G1/04
CPC: A62C2/247 E05F1/006 E05G1/04 E05Y2201/41 E05Y2201/50 E05Y2900/21
European: A62C2/24D2 E05F1/00B4 E05G1/04 P05Y201/41 P05Y201/50 P05Y800/252 P05Y900/200 P05Y900/210



Family:

Publication number	Publication date	Application number	Application date
DE3527287 A1	19870205	DE19853527287	19850730

Priority:
DE19853527287 19850730

Probable Assignee: RUEF DICTATOR

Assignee(s): (std): RUEF DICTATOR

Assignee(s): DICTATOR TECHNIK RUEF AND CO

Inventor(s): (std): HAUG WENDELIN

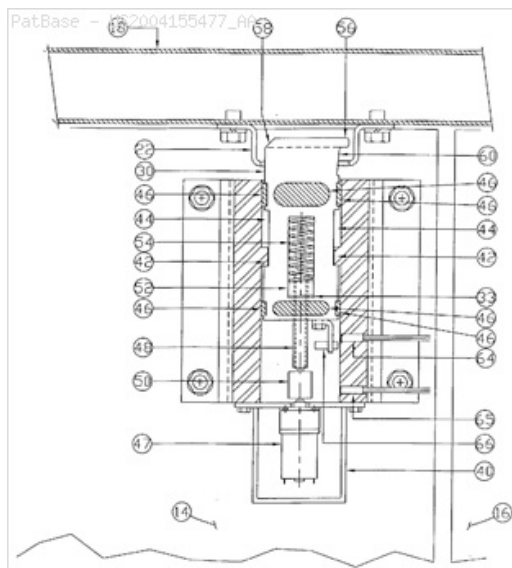
127) Family number: 30780283 (US2004155477A)
PatBase

Title: SECURITY SYSTEM FOR CARGO TRAILERS

Abstract: A cargo transportation device has a container including a cargo door accessible from the outside for closing the container and being movable from an open position to a closed position. A security system is provided that includes a latching device on the inside of the container, the latching device having a latch, a screw for moving the latch between an open position and a closed position, and a rotary motor for turning the screw. The security system has a latch receiving device, adapted to receive the latch, on the inside of the container. A controller operates a motor to turn a screw in one direction and thereby moves the latch from its unlocked position to its locked position. The controller also can operate the motor to turn the screw in the direction opposite of said one direction thereby moving the latch from its locked position in the latch receiving device to its unlocked position.

Classifications:
International (IPC 8-9): B62D33/02 E05B47/00 E05B65/12 E05C1/06 E05C3/04 E05C5/00 H04B1/00 (Advanced/Invention);

B62D33/02 E05B47/00 E05B65/12 E05C1/00 (Core/Invention)
International (IPC 1-7): B62D33/037 E05C3/04 E05C5/00 H04B1/00
CPC: Y10T70/5978 Y10T70/7062 Y10T70/7107 Y10T70/7113
Y10T292/1021 B62D33/0222 E05B2047/0023
European: B62D33/02F P05B47/00A5D3
US: 292/144 296/5 296/50 296/50P 340/5.5 340/5.500S 340/5.7
340/5.72 340/5.720S 340/55 340/568.1 340/568.100S 340/57 49/31
49/31S 70/257 70/277 70/277S 70/279.1 70/279.100P 70/280
702/800



Family:

Publication number	Publication date	Application number	Application date
AU2003284134 AA	20040906	AU20030284134	20031014
CA2514554 AA	20050727	CA20032514554	20031014
US2004155477 AA	20040812	US20030360521	20030206
US2006117820 AA	20060608	US20050272649	20051114
US7059159 BB	20060613	US20030360521	20030206
WO04073187 A1	20040826	WO2003US32458	20031014

Priority:

US20030360521 20030206 WO2003US32458 20031014 US20050272649 20051114

Probable Assignee: MI JACK SYSTEMS AND TECHNOLOGY LLC

Assignee(s): (std): CHALKO GERALD F JR ; LABOWICZ MACIEJ ; LANIGAN WILLIAM P ; MIRABELLA PETER W ;
MOLDENHAUER KURT A ; MI JACK PRODUCTS INC

Assignee(s): CHALKO GERALD F ; MI JACK SYSTEMS AND TECHNOLOGY LLC ; COLE TAYLOR BANK

Inventor(s): (std): CHALKO GERALD F ; CHALKO GERALD F JR ; LABOWICZ MACIEJ ; LANIGAN WILLIAM P ; MIRABELLA
PETER W ; MOLDENHAUER KURT A ; WILLIAM P LANIGAN ; PETER W MIRABELLA ; MACIEJ LABOWICZ ;
KURT A MOLDENHAUER ; GERALD F CHALKO ; CHALKO JR GERALD F

Inventor(s): MOLDENHAUER KURT ; MIRABELLA PETER ; LANIGAN WILLIAM ; CHALKO ; CHALKO GERALD ; CHALKO
GERALD FJR ; JR GERALD F

Agent(s): BCF LLP; GARY J CUNNINGHAM; GEORGE H; SEYFARTH SHAW LLP

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 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 KP KR
KZ LC 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 SY SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

128) Family number: 1562283 (CH592797A)

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Title: ELECTRONIC GATE CIRCUIT WITH SEPARATE TRANSMITTER AND RECEIVER - EACH WITH TWO ANTENNAE AND
DEMODULATORS AND SHIFT REGISTER OR MULTIPLE OR= GATE CONNECTED WITH COINCIDENCE UNIT

Abstract: The electronic lock system utilises a transmitter and a receiver circuit in separate sections. The transmission side
incorporates a pulse generator (1), a transmitter (2) and an antenna (3) in the form of an induction coil. Pulses are also
transferred to a shift register (15) and a multiple OR gate (16). The output of the OR gate passes to a coincidence unit (17),
and outputs (18, 19) go to the closure unit. The coincidence unit also receives input from another antenna (14) and receiver
(13) which includes a demodulator. The reception side of the division line (51) comprises an input antenna (4), receiver and
demodulator (5), current supply (6), trigger (7), coupler (8), shift register (9), multiple OR gate (10), feedback transmitter
(11) and output antenna (12).

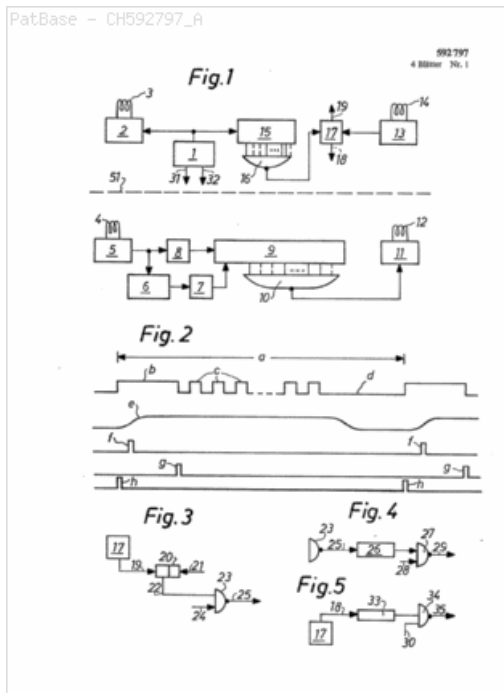
Classifications:

International (IPC 8-9): G07C9/00 (Advanced/Invention);
G07C9/00 (Core/Invention)

International (IPC 1-7): E05B49/00

CPC: G07C9/00309 G07C2009/005 G07C2009/00777

European: G07C9/00E4 S07C9/00E14C2 S07C9/00E4H4D

**Family:**

Publication number	Publication date	Application number	Application date
CH592797 A	19780131	CH19750001849	19750214

Priority:

CH19750001849 19750214

Probable Assignee:

GREY LAB ESTABLISHMENT

Assignee(s): (std):

GREY LAB ESTABLISHMENT

129) Family number: 29459284 (US2001032118A)

© PatBase

Title: SYSTEM, METHOD, AND COMPUTER PROGRAM FOR MANAGING STORAGE AND DISTRIBUTION OF MONEY TILLS

Abstract: A computer-controlled automated management system (20) for monitoring and controlling distribution and storage of money tills, and linking tracking of employee productivity to time in receipt of a till. The system (20) comprises a cabinet (22), a control panel (28), and a personal computer (30). The cabinet (22) is mounted through a wall to provide an interface having a front side accessible from a first area and a rear side accessible from a second area, such as, for example, a cash room. The control panel (28) is mounted next to the cabinet on the front side of the wall. The interior cabinet space is divided into a plurality of till compartments (24), with each compartment (24) being selectively accessible from both the front and rear of the cabinet (22). Tills are loaded and removed from the rear by cash room personnel and from the front by cashiers and other employees. In order to remove a till from the front of the cabinet (22), the employee must identify him or herself using a keypad (62) or other device provided at the control panel (28), which, in turn, communicates the information to the computer (30). The computer (30) receives the identification information and matches it to employee and authorization information stored in a database. The computer (30) is then able to match the particular employee with a particular till in a particular compartment (24). The computer (30) records the time and other relevant data and opens the appropriate cabinet door (40) to allow the employee to take the till. When the employee returns the till, a similar process occurs. The system (20) is further operable to anticipate, based upon work schedules, needed till types or amounts; compile and maintain useful associated records, including employee productivity (i.e., time in possession of a till); and link to and integrate with other systems to further improve efficiency.

Classifications:**International (IPC 8-9):** A01B33/06 G06F11/34 G06Q10/00

G06Q10/08 G07D9/00 G07D9/06 G07F7/02 G07G1/00

G07G1/01 (Advanced/Invention);

A01B33/00 (Core/Invention)

International (IPC 1-7): A01B33/06 E05G1/00 G06F17/00 G06F17/60

G07G1/00 G07G1/01 G08B13/08

CPC: G07F19/20 G07F19/207 G07G3/003 G07F7/02 G06Q10/06398

G06Q20/20 G06Q20/206 G07D9/004 G07D9/06 G07G1/0027

European: G06Q10/06398 G06Q20/20 G06Q20/206 G07D9/00C2

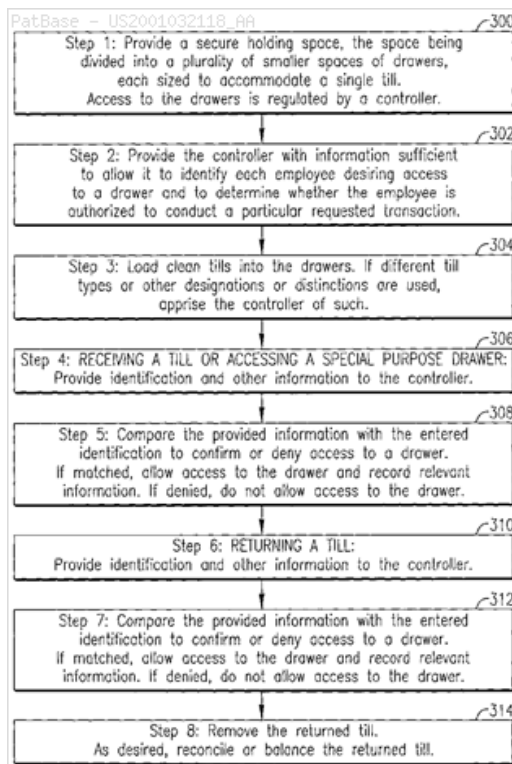
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G07G1/00B2 G07G3/00B

US: 109/56 109/56S 116/76 116/76S 172/111 235/375 235/375P

235/379 235/379S 235/382 235/382P 235/7 235/7.00R 235/7R

705/11 705/11P 705/11S 705/16 705/18 705/7.42 705/7.420S



Family:

Publication number	Publication date	Application number	Application date
AU200143113 A1	20010612	AU20010043113	20001206
AU200143113 A5	20010612	AU20010043113D	20001206
CA2391794 AA	20020604	CA20002391794	20001206
CA2508408 AA	20051214	CA20052508408	20050526
CA2567979 AA	20070523	CA20062567979	20061115
EP1337933 A2	20030827	EP20000992408	20001206
EP1337933 A4	20080305	EP20000992408	20001206
US2001032118 AA	20011018	US20000731361	20001206
US2005017066 AA	20050127	US20040867418	20040614
US2005211450 AA	20050929	US20050094973	20050331
US2006060363 AB	20060323	US20050094973	20050331
US2006090909 AA	20060504	US20050286530	20051123
US6934688 BB	20050823	US20000731361	20001206
US7366681 BB	20080429	US20050094973	20050331
WO0140907 A2	20010607	WO2000US42702	20001206
WO0140907 A3	20021114	WO2000US42702	20001206
WO0140907 C2	20011220	WO2000US42702	20001206

Priority:

US19990169230P 19991206	US19990169340P 19991206	WO2000US42702 20001206
US20000731361 20001206	US20040867418 20040614	US20050094973 20050331
CA20052508408 20050526	US20050286530 20051123	CA20062567979 20061115

Probable Assignee: BALANCE INNOVATIONS LLC

Assignee(s): (std): ODIE KENNETH CARTER ; CARTER ODIE KENNETH ; CARTER ODIE K ; BALANCE INNOVATIONS LLC ; BALANCE INNOVATIONS L L C

Assignee(s): CAROL S CARTER REVOCABLE TRUST UTA DATED JULY ; CAROL S CARTER REVOCABLE TRUST UTA DATED JULY 16 1 ; CAROL S CARTER REVOCABLE TRUST UTA DATED JULY 16 1999 ; CARTER KENNETH ; VCS ACQUISITION LLC ; ICASH SYSTEMS LLC VER ; ODIE KENNETH CARTER REVOCABLE TRUST UTA DATED JULY ; CONTROLLED ACCESS LLC ; VERICASH SYSTEMS LLC ; VCS ACQUISITION LLC ; VERICASH SYSTEMS LLC ; CARTER O KENNETH ; ODIE KENNETH CARTER REVOCABLE TRUST UTA DATED JULY 16 1999 ; ODIE KENNETH CARTER REVOCABLE TRUST UTA DATED JULY 16 1999 AND CAROL S CARTER REVOCABLE TRUST DATED JULY 16 1999

Inventor(s): (std): CARTER KENNETH ; CARTER O KENNETH ; CARTER ODIE K ; CARTER ODIE KENNETH

Inventor(s): ODIE KENNETH CARTER ; CARTER ODIE

Agent(s): GOWLING LAFLEUR HENDERSON LLP; SMART AND BIGGAR; SPENCER FANE BRITT AND BROWNE; SPENCER FANE BRITT AND BROWNE LLP

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 CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN 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 NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

130) Family number: 30222286 (US2006164235A)

© PatBase

Title: CARGO CONTAINER LOCKING SYSTEM AND METHOD

Abstract: The present invention is a system including a modular hardware platform consisting of Global Positioning System (GPS) receiver, a programmable micro controller unit, a communication module and a software platform, programmable on site to track, monitor and control access to cargo containers, truck trailers and similar transportable devices to curtail theft,

pilferage and from intercession by third parties such as terrorists. The system enables access to the interior of a container to a digital key which contains an authorization password to initiate access to the container. The system may be programmed such that access is denied until the container reaches a preprogrammed destination.

Classifications:

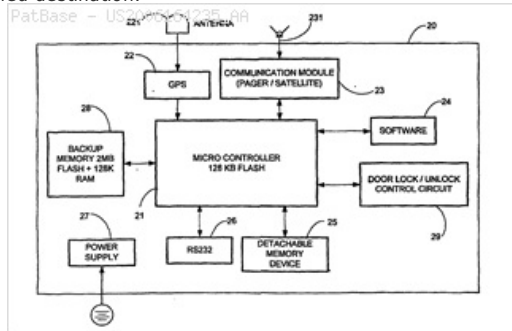
International (IPC 8-9): B60R25/00 E05B65/00 E05B65/36 G07C5/00 G07C9/00 G08B1/08 G08G1/123 (Advanced/Invention); B60R25/00 E05B65/00 E05B65/36 G08B1/00 (Core/Invention)

International (IPC 1-7): G06F G08G1/123

CPC: Y10T70/5093 Y10T70/625 G08G1/20 E05B83/02 E05B2047/0096 G07C5/008 G07C9/00039 G07C9/00182 G07C2009/0092

European: E05B83/02 G07C5/00T G07C9/00B6B G07C9/00E2 G08G1/20 P05B47/00R2 S07C9/00E20D

US: 340/5.73 340/5.730S 340/539.13 340/539.130P 70/263 70/263S 70/77 70/77S



Family:

Publication number	Publication date	Application number	Application date
AU2003245650 AA	20040106	AU20030245650	20030623
AU2003245650 AH	20040106	AU20030245650	20030623
US2006164235 AA	20060727	US20030537040	20030623
WO04001550 A2	20031231	WO2003US19783	20030623
WO04001550 A3	20040722	WO2003US19783	20030623

Priority:

US20020391132P 20020624 US20030537040 20030623 WO2003US19783 20030623
 US20050537040 20050601

Probable Assignee: GOUNDER MANICKAM A

Assignee(s): (std): GOUNDER MANICKAM A

Inventor(s): (std): GOUNDER MANICKAM A

Inventor(s): MANICKAM A GOUNDER ; GOUNDER MANICKAM

Agent(s): H ROY BERKENSTOCK, WYATT TARRANT AND COMBS; H ROY BERKENSTOCK WYATT TARRANT AND COMBS

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 LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM 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

131) Family number: 1743294 (DE2837440A1)

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Title: LOWERED LORRY CAB TYPE SECURITY MECHANISM - HAS ROTATABLE STOP ON SAFETY LEVER MOVING BETWEEN CHECK AND SLOPE POSITIONS

Abstract: The bolting device between two components is esp. for locking a tiltable driver's cab to the chassis of a motor truck. There is a fork latch swivelling between two end positions, one engaging and the other releasing a lug. The securing lever has a turning stop, striking against one component on approach. The lever support force generates a rotary moment causing the lever to change from the release to the security position. The stop, when the lock is released, assumes a sloping position causing it to slip on the component concerned when the lever is turned further in the release direction. This provides security if the driver forgets to lock the lowered cab in position, and can be applied elsewhere, such as on tipping truck containers.

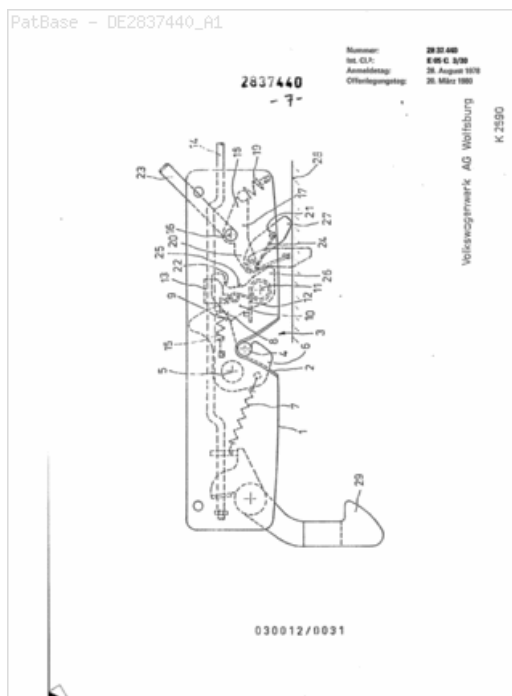
Classifications:

International (IPC 8-9): B62D33/07 (Advanced/Invention); B62D33/06 (Core/Invention)

International (IPC 1-7): B62D33/06 E05C3/30

CPC: B62D33/071

European: B62D33/07B



Family:

Publication number	Publication date	Application number	Application date
DE2837440 A1	19800320	DE19782837440	19780828

Priority:

DE19782837440 19780828

Probable Assignee: VOLKSWAGEN GROUP

Assignee(s): (std): VOLKSWAGEN GROUP ; VOLKSWAGENWERK AG

Inventor(s): (std): MANECK ERNST

132) Family number: 57836295 (US2015252591A)

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Title: LOCK

Abstract: A lock includes a housing assembly, an actuatable lock assembly and a latching assembly. The actuatable lock assembly is positionable in at least a closed orientation and an open orientation. The latching assembly further includes a latch, a cam and a motor. The latch, having a cam profile, is movable between a locked position and an unlocked position. In the locked position, the actuatable lock assembly is maintained in the closed orientation. In the unlocked position, the actuatable lock assembly is positionable into an open orientation. The cam is rotatably mounted and has a first follower configured to intermittently coast with the cam profile of the latch, to, in turn, move the latch between the locked position and the unlocked position. The motor is coupled to the cam. Actuation of the motor causes rotation of the cam, resulting in movement of the latch between the locked and unlocked positions.

Classifications:

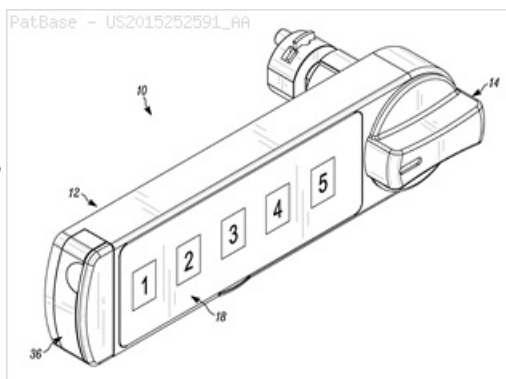
International (IPC 8-9): E05B1/00 E05B15/00 E05B17/00 E05B3/08 E05B37/00 E05B41/00 E05B47/00 E05B47/06 E05B55/08 E05B63/00 E05C3/04 E05C3/12 G06K17/00 G06K19/07

G07C9/00 (Advanced/Invention);

E05B65/46 (Advanced/Non-invention)

CPC: G07C9/00126 E05B47/0676 E05B65/46 E05B47/0692 E05B3/08 E05B47/0001 G07C9/00174 G07C9/0069 Y10T70/7062 G07C9/00166 G07C2009/00769 G06K19/0723 G06K17/0029 G07C9/00309 G06K7/10128 G06K7/10415 E05B37/00 E05B47/0657 E05B47/0673 E05B47/0012 E05C3/12 E05B15/0053 E05C3/042 E05B63/0056 E05B2047/0054 E05B2047/0058 E05B2047/0024 E05B1/003

US: 70/266 70/277



Family:

Publication number	Publication date	Application number	Application date
CA2922400 AA	20151116	CA20142922400	20140514
EP2997209 A1	20160323	EP20140797855	20140514
EP2997209 A4	20170301	EP20140797855	20140514
US2015252591 AA	20150910	US20150719218	20150521
US2015376916 AA	20151231	US20150728996	20150602
US2016186463 AA	20160630	US20160059633	20160303
US2016208518 AA	20160721	US20160082019	20160328
US2017356219 AA	20171214	US20170687337	20170825
US2019073848 AA	20190307	US20180104120	20180816
US2019119949 AA	20190425	US20180220392	20181214
US9963906 BB	20180508	US20150728996	20150602
US10273715 BB	20190430	US20150719218	20150521
WO14186475 A1	20141120	WO2014US38016	20140514
WO16138224 A1	20160901	WO2016US19495	20160225

Priority:

US20130823685P 20130515	WO2014US38016 20140514	US20150120674P 20150225
US20150719218 20150521	US20150728996 20150602	WO2016US19495 20160225
US20160059633 20160303	US20160082019 20160328	US20170547584P 20170818
US20170687337 20170825	US20180104120 20180816	US20180220392 20181214

Probable Assignee: TRITEQ LOCK AND SECURITY LLC

Assignee(s): (std): DENISON WILLIAM ; ROATIS CALIN ; TRITEQ LOCK AND SECURITY L L C ; TRITEQ LOCK AND SECURITY LLC

Inventor(s): (std): ROATIS CALIN ; DENISON WILLIAM ; WILLIAM DENISON ; DENISON WILLIAM D ; ROATIS CALIN V ; MEIZELIS THADDEUS A ; MICHELSON DANIEL R ; RIBU GABRIEL

Agent(s): MACRAE AND CO; EP AND C; VLADAN M; JOVAN N; WATSON IP GROUP PLC; JOVANOVIC JOVAN N; JOVANOVIC JOVAN

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

133) Family number: 1950295 (GB2172931A)

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Title: Thermally-responsive door-locking mechanisms

Abstract: The locking mechanism for the door of a thief-resistant or fire-resistant safe has a thermal "relocker" comprising a shape memory effect (SME) element adapted to activate an additional locking point in the event of a thermal attack or exposure to fire. For example the SME element may be in the form of a coil 14 which expands when heated through its transformation temperature range to place a plunger 17 in the retraction path of an abutment 20 carried with the main bolts

of the enclosure.

Classifications:

International (IPC 8-9): E05B65/00 (Advanced/Invention);
E05B15/16 (Advanced/Non-invention)

International (IPC 1-7): E05B63/00 E05B65/00

CPC: E05B51/005 E05B65/0082

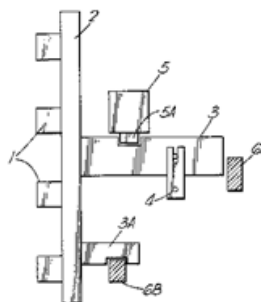
European: E05B65/00S4 P05B51/00B

PatBase - GB2172931_A1

1/7

2172931

Fig. 1.



Family:

Publication number	Publication date	Application number	Application date
GB2172931 A1	19861001	GB19860007556	19860326
GB8507804 A0	19850501	GB19850007804	19850326
GB8607556 A0	19860430	GB19860007556	19860326

Priority:

GB19850007804 19850326

Probable Assignee: CHUBB AND SONS LOCK AND SAFE CO

Assignee(s): (std): CHUBB AND SONS LOCK AND SAFE CO

Assignee(s): CHUBB AND SON S LOCK AND SAFE CO LTD ; CHUBB AND SON S LOCK AND SAFE COMPANY LIMITED

Inventor(s): (std): SANDS RAYMOND LEONARD

Inventor(s): RAYMOND LEONARD SANDS

134) Family number: 44237297 (EP2146328A3)

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Title: Lock for securing a safety container or area and method for securing the transport of a safety container

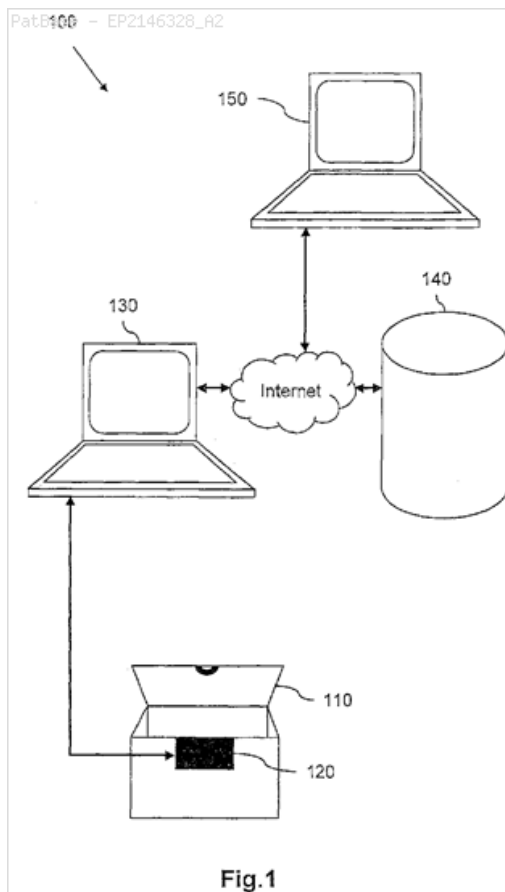
Abstract: Source: EP2146328A3 [DE] Die Erfindung betrifft ein Schloss (120), einen Sicherheitsbehälter (110) mit einem derartigen Schloss (120), ein System zur Transportueberwachung des Schlosses (120), ein Verfahren zum Steuern des Schlosses (120) und ein Verfahren zum Transport des Sicherheitsbehalters (110). Weiter betrifft die Erfindung ein Verfahren zur Sicherung eines Sicherungsraumes, dessen Tuer mit einem derartigen Schloss (120) gekoppelt ist. Um das Schloss, den Sicherheitsbehälter oder den Sicherungsraum jeweils effektiv gegen Manipulation zuschuetzen, wird ein Schloss vorgeschlagen, mit einer Schliessvorrichtung (220) zum Verriegeln und/oder Entriegeln einer Tuer oder eines Behalters (110); einer Steuereinheit (230) zum Steuern der Schliessvorrichtung (2100, 2700); einem Speicher (231) zum Speichern von Identifizierungsdaten (640) zur Kennzeichnung des Schlosses und von Programmdaten zur Darstellung eines Benutzerinterfaces; einer Schnittstelle (240) zum Senden der Programmdaten und der Identifizierungsdaten (640) an einen angeschlossenen Computer (130) und zum Empfangen von Steuerdaten zum Steuern der Schliessvorrichtung (220).

Classifications:

International (IPC 8-9): E05B45/06 E05B49/00 E05G1/00
G07C9/00 (Advanced/Invention)

CPC: G07C9/00166 G07C9/00309 G07C9/00571 G07C9/00896
G07C2009/0092 G07C2209/63

European: G07C9/00C4 G07C9/00E4 G07C9/00E7 S07C209/63
S07C9/00E20 S07C9/00E20D



Family:

Publication number	Publication date	Application number	Application date
DE102008033731 A1	20100121	DE200810033731	20080718
EP2146328 A2	20100120	EP20090009349	20090717
EP2146328 A3	20120404	EP20090009349	20090717

Priority:

DE200810033731 20080718

Probable Assignee: CARGOGUARD GMBH

Assignee(s): (std): CARGOGUARD GMBH

Inventor(s): (std): BLAUFUS JEAN ; WILDE THOMAS ; HOPPE HEIKO

Inventor(s): BLAUFUSS JEAN

Agent(s): TER MEER STEINMEISTER AND PARTNER GBR

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

135) Family number: 20646298 (US6390366B)

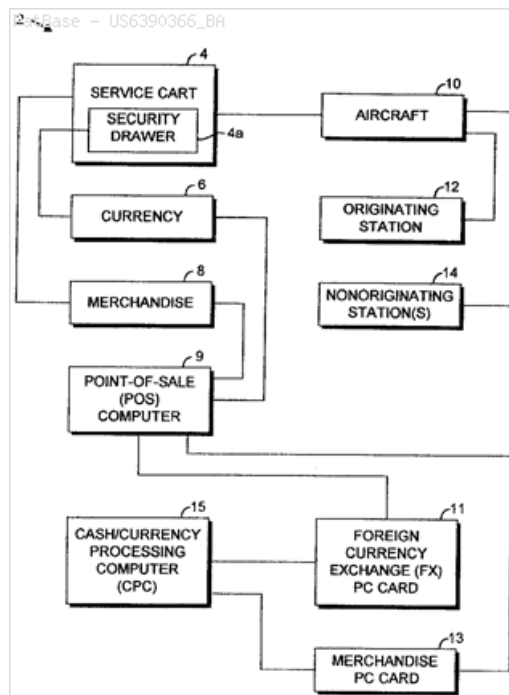
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Title: CURRENCY EXCHANGE AND MERCHANDISE SALES SYSTEM AND METHOD

Abstract: A currency exchange and merchandise sales system includes a point-of-sale (POS) computer for inventorying currency and merchandise and for recording transactions involving same. A cash/currency processing computer (CPC) is located remote from the POS computer and receives data therefrom and transfers data thereto. The system is adapted for conducting currency exchange and merchandise sales transactions among passengers on a vehicle, such as an airliner, particularly on international flights. A security drawer is removably mounted in an airliner service cart packed with merchandise. The security drawer receives currency used for foreign currency exchange (FX) and for merchandise sales transactions. A currency exchange and merchandise sales method includes the steps of inventorying the currency and merchandise and loading same in the security drawer and the service cart preflight. Currency exchange and merchandise sales transactions are conducted by the aircrew in-flight and recorded on the POS computer. Data from the POS computer is transferred to the CPC computer post-flight for reconciliation, report generation and payment distribution.

Classifications:

International (IPC 8-9): A47B88/00 E05B65/46 G06F17/60
G06Q20/00 G06Q20/20 G06Q20/34 G06Q20/38 G06Q30/00
G06Q30/06 G07F7/00 G07F7/02 G07G1/00
H04L9/10 (Advanced/Invention);
A47B88/00 E05B65/44 G06Q20/00 G06Q30/00 G07F7/00 G07G1/00
H04L9/10 (Core/Invention)
International (IPC 1-7): A47B88/00 B62B1/26 B62B11/00 B62B5/00
G06F17/60 G07B15/02 G07F7/02 G07G1/00 H04K1/00 H04L9/00
CPC: G06Q20/343 G06Q20/381 G06Q30/06 G07F7/00 G07F7/02
G07G1/0027 G07G1/0036 G06Q20/20 G06Q20/203 G06Q20/206
Y10T70/5128
European: G06F17/60B G06Q20/20 G06Q20/203 G06Q20/206
G06Q20/343 G06Q20/381 G06Q30/06 G07F7/00 G07F7/02
G07G1/00B2 G07G1/00C
US: 235/381 235/384 235/385 280/47.35 312/330.1 312/333 70/85
705/18 705/22



Family:

Publication number	Publication date	Application number	Application date
AU2001287033 AA	20020313	AU20010287033	20010831
AU2001291281 AA	20020313	AU20010291281	20010831
AU2001292568 AA	20020313	AU20010292568	20010831
AU200187033 A1	20020313	AU20010087033	20010831
AU200187033 A5	20020313	AU20010087033	20010831
AU200191281 A1	20020313	AU20010091281	20010831
AU200191281 A5	20020313	AU20010091281	20010831
AU200192568 A1	20020313	AU20010092568	20010831
AU200192568 A5	20020313	AU20010092568	20010831
CA2456211 AA	20030225	CA20012456211	20010831
CA2456211 C	20081223	CA20012456211	20010831
US6390366 BA	20020521	US20000653497	20000831
US6619770 BA	20030916	US20000652086	20000831
US6988078 BA	20060117	US20000653498	20000831
WO0218192 A1	20020307	WO2001US27359	20010831
WO0219231 A1	20020307	WO2001US27330	20010831
WO0219275 A1	20020307	WO2001US41975	20010831
WO0219275 C1	20050915	WO2001US41975	20010831

Priority:

US20000652086 20000831	US20000653497 20000831	US20000653498 20000831
WO2001US41975 20010831	WO2001US27359 20010831	WO2001US27330 20010831

Probable Assignee: WESTERN UNION CO

Assignee(s): (std): DRAB ROBERT F ; EBERT DANIEL ; FALLIS RAYMOND ; HEIDENREICH SHARON K ; JOSE GAELEN ELLEN ; GAGNIER MARTIN NMI ; FIRST DATA CORP ; SKYTELLER LLC ; SELWAY ANTHONY J ; SAVARD SYLVIAN NMI ; SHAFER JEFF ; SKYTELLER L L C ; DANDA WOODROW HENDRICKS

Assignee(s): DANIEL EBERT ; ANTHONY J SELWAY ; SHARON K HEIDENREICH ; WOODROW HENDRICKS DANDA ; SYLVIAN NMI SAVARD ; WESTERN UNION CO ; SAVARD SYLVIAN ; SAVARD SYLVAIN ; SYLVIAN SAVARD ; ROBERT F DRAB ; MARTIN GAGNIER ; RAYMOND FALLIS ; GAELEN ELLEN JOSE ; JEFF SHAFER ; MARTIN NMI GAGNIER ; GAGNIER MARTIN

Inventor(s): (std): DRAB ROBERT F ; EBERT DANIEL ; FALLIS RAYMOND ; GAGNIER MARTIN ; GAGNIER MARTIN NMI ; HEIDENREICH SHARON K ; SAVARD SYLVIAN ; SAVARD SYLVIAN NMI ; SELWAY ANTHONY J ; SHAFER JEFF ; SHAFER JEFFREY ; JOSE GAELEN ELLEN ; DANDA WOODROW HENDRICKS ; SHAFER JEFF D ; SAVARD SYLVAIN ; EBERT DANIEL J

Inventor(s): DANIEL EBERT ; MARTIN GAGNIER ; MARTIN NMI GAGNIER ; RAYMOND FALLIS ; ROBERT F DRAB ; ANTHONY J SELWAY ; SHARON K HEIDENREICH ; SYLVIAN NMI SAVARD ; SYLVIAN SAVARD ; WOODROW HENDRICKS DANDA ; JEFF SHAFER ; GAELEN ELLEN JOSE

Agent(s): MCCARTHY TETRAULT LLP; TOWNSEND AND TOWNSEND AND CREW LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BG BR BY BZ CA CH CN CO CR CU CY CZ DE DK DM DZ EE ES FI FR GB GD GE GH GM GR HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK MN MW MX MZ NL NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

136) Family number: 42139301 (US2008209962A)

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Title: LOCKER LOCK

Abstract: A lock includes a lock housing, a lock interface, a rotary locking member, a locking bolt, and a locking mechanism. The rotary locking member extends from a side portion of the lock housing, the rotary locking member being rotatable about a first axis between a locking position and a releasing position. The locking bolt is configured to hold the rotary locking element in the locking position when the locking bolt is in a first position and to allow the rotary locking

member to rotate from the locking position to the releasing position when the locking bolt is in a second position. The locking mechanism is configured to slide the locking bolt from the first position to the second position in response to proper manipulation of the lock interface.

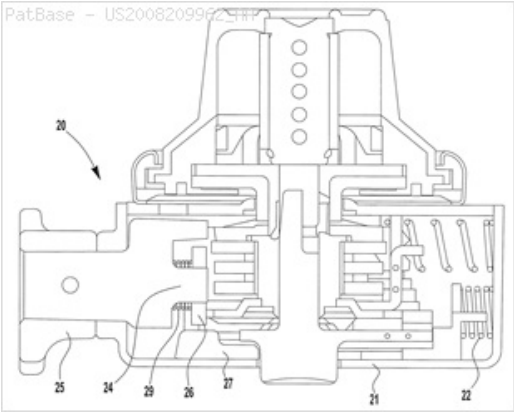
Classifications:

International (IPC 8-9): E05B15/00 E05B15/02 E05B37/08 E05B63/00 E05B65/02 E05B65/06 E05C3/24 (Advanced/Invention); E05B13/10 (Advanced/Non-invention); E05B15/00 E05B37/00 E05B63/00 E05B65/02 E05B65/06 E05C3/00 (Core/Invention)

CPC: Y10T70/5199 Y10T70/5345 Y10T70/577 Y10T70/70 Y10T70/735 Y10T70/778 Y10T292/1044 Y10T292/1092 E05B37/08 E05B15/0295 E05B17/2038 E05B63/0069 E05B65/025 E05C3/24

European: E05B15/02E8 E05B37/08 E05B63/00T2 E05B65/02L E05C3/24 P05B17/20D21S

US: 292/210 292/213 70/101 70/101P 70/135 70/210 70/266 70/266S 70/320 70/320S 70/391 70/391S



Family:

Publication number	Publication date	Application number	Application date
CA2677974 AA	20090811	CA20072677974	20070713
CA2677974 C	20120619	CA20072677974	20070713
CN101636547 A	20100127	CN200780051920	20070713
CN101636547 B	20140917	CN200780051920	20070713
EP2129851 A1	20091209	EP20070796841	20070713
EP2129851 A4	20141008	EP20070796841	20070713
US2008209962 AA	20080904	US20070774038	20070706
US2009308113 AA	20091217	US20090504161	20090716
US7984630 BB	20110726	US20070774038	20070706
WO08105802 A1	20080904	WO2007US15957	20070713

Priority:

US20070904243P 20070301 US20070774038 20070706 WO2007US15957 20070713
US20090504161 20090716

Probable Assignee: MASTER LOCK CO LLC

Assignee(s): (std): BABU KARTHICK ; JAYARAMAN AJAY ; MASTER LOCK CO ; MEEKMA GLENN P ; PEOT PAUL R

Assignee(s): MASTER LOCK CO LLC ; MASTER LOCK COMPANY LLC

Inventor(s): (std): AJAY JAYARAMAN ; BABU KARTHICK ; JAYARAMAN AJAY ; KARTHICK BABU ; MEEKMA GLENN P ; PEOT PAUL R

Agent(s): RIDOUT AND MAYBEE LLP; QUINTELIER CLAUDE; CALFEE HALTER AND GRISWOLD LLP; GROVER DAVID J

Designated states: AE AG AL AM 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 SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

137) Family number: 31173306 (DE202004007204U1)

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Title: LOCK KNOB FOR DOORS OR CONTAINERS SLIDES ARRESTABLY IN AND OUT ON LOCK CYLINDER AXIS INTO FIXABLE END POSITIONS BY ARRESTER SCREW.

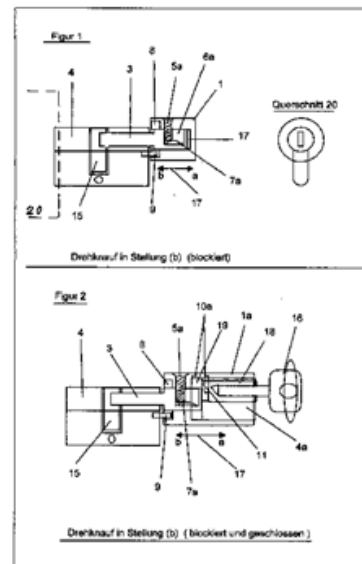
Abstract: The twist knob (1) is bored out (2) to fit onto the locking cylinder (4) axis (3) and can be moved in and out via an adjuster screw (5a) as led through the knob into an axial slot (6a) in axis (3) into two arrested settings. For this purpose a pin (9) projecting from the axis (3) locks into one of several axially spaced adjuster grooves (8) round the knob where it faces the cylinder. The cylinder is machined into the elongated axis. The knob has an outer slide-on case, itself slotted lengthways and the knob has a pair of locking grooves for an arrester tongue.

Classifications:

International (IPC 8-9): E05B13/00 E05B27/00 E05B63/00 E05B63/14 (Advanced/Invention); E05B63/00 (Advanced/Non-invention); E05B13/00 E05B27/00 E05B63/00 (Core/Invention); E05B63/00 (Core/Non-invention)

International (IPC 1-7): E05B1/00 E05B27/00 E05B63/00 E05B63/14
CPC: E05B13/002 E05B63/0065

European: E05B13/00C E05B63/00T P05B63/00T



5/7

Family:

Publication number	Publication date	Application number	Application date
DE102004060477 A1	20051124	DE200410060477	20041216
DE102004060477 B4	20090924	DE200410060477	20041216
DE202004007204 U1	20040930	DE200420007204U	20040429

Priority:

DE200420007204U 20040429

DE200410060477 20041216

Probable Assignee:

KURZ EDWIN

Assignee(s): (std):

KURZ EDWIN

Inventor(s): (std):

KURZ EDWIN

138) Family number: 43226306 (DE202009001848U1)

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Title: Verschlussanordnung

Abstract: Source: DE202009001848U1 [DE] (Claim 1) 1. Verschlussanordnung mit integrierter elektrischer Antriebseinheit, bestehend aus einer Schlosseinheit sowie einer hierzu separat angeordneten Schliessbuegeleinheit, dadurch gekennzeichnet, dass - die Schlosseinheit einen Hakenriegel mit Rotationslager aufweist und dessen Hakenteil eine Hakenspitze sowie einen Hakenruecken aufweist, wobei die Hakenspitze in Schliessrichtung und der Hakenrueckenseite in oeffnungsrichtung weist, - in Beruehrung mit dem Hakenriegel eine Schliessfeder mit staendiger Kraftwirkung in Schliessrichtung und neben dem Hakenriegel die elektrische Antriebseinheit mit optionaler Kraftwirkung auf den Hakenriegel in oeffnungsrichtung angeordnet ist, - die maximale Auslenkung des Hakenriegels in Schliessrichtung an einem Anschlag in einer Anschlagstellung endet, die auf gleicher Position wie die Verschlussstellung oder in unmittelbarer Naehue aber weiter in Schliessrichtung liegt, - die Schliessbuegeleinheit einen Schliessbolzen aufweist, der Schliessbolzen im Schliessbuegel in frontaler Position zum Hakenriegel steht und hinter dem Schliessbolzen ein Bewegungsfreiraum fuer den Hakenteil des Hakenriegels existiert, - Schliessbolzen und Hakenteil des Hakenriegels - zueinander reibungsarme Oberflaechen aufweisen, - der Hakenriegel, zumindest bei Positionierung des Schliessbolzens ausserhalb der Hakseite, eine freie Beweglichkeit in oeffnungsrichtung aufweist, - die Schliessbolzenhauptachse und die Hakenriegelrotationsachse parallel zueinander liegen und die durch beide gebildete Ebene bei Positionierung des Schliessbolzens in Verschlussstellung direkt auf der Hakseite als Sperrebene, der Raum in Schliessrichtung als Sperrraum, der verbleibende Raum als Offenraum, ueber die Ausrichtung einer gemeinsamen Normale dieser Achsen die Zusammenfuehrungsorientierung und senkrecht dazu, in der Sperrebene liegend, die axiale Toleranzorientierung definiert sind, - die in Richtung der Schliessbuegeleinheit liegende Hakenfront eine Frontschraege aufweist, die in Anschlagstellung mindestens auf der Sperrebene beginnt und deren Tangentialebene in und mit der Sperrebene einen Winkel bildet, der im Sperrraum in beliebigen Bewegungspositionen des Hakenriegels - in Richtung der Schliessbuegeleinheit - stumpf ist, - die Hakseite des Hakenteils mindestens ueber eine Breite, die dem halben Durchmesser des Schliessbolzens entspricht, so gestaltet ist, dass ab Verschlussstellung in beliebiger Bewegungsposition in der Sperrebene angelegte Tangentialebenen mit der Sperrebene eine rechten oder - in Richtung der Schliessbuegeleinheit - nur geringfuegig stumpfen Winkel im Sperrraum bilden, - im Sperrraum hinter und neben dem Schliessbolzen ein Hakenfreiraum besteht, der ab Schnitlinie Schliessbolzenoberflaeche-Sperrebene in Richtung Hakenriegel mindestens bis zu einer gedachten Zylinderflaeche mit einem Mittelpunkt auf der Sperrebene und einem Radius, der gleich oder geringer als der Abstand zwischen Punkten auf der Hakseite und Hakenriegelrotationsachse ist, ausgedehnt ist und - dass ein axialer Freiraum um den Schliessbolzen fuer eine begrenzt-freie axiale Bewegung des Hakenriegels und um das Hakenteil fuer eine begrenzt-freie axiale Bewegung des Schliessbolzens bei Anordnung der Schliessbuegeleinheit mit dem Schliessbolzen hinter der Hakseite des Hakenriegels existiert.

Classifications:**International (IPC 8-9):** E05B47/00 E05B57/00 (Advanced/Invention);

E05B47/00 E05B57/00 (Core/Invention)

CPC: E05B15/0245 E05B47/023 E05B57/00 E05B2047/0068

E05C3/30

European: E05B15/02E4A E05B47/02 E05B47/02P E05B57/00

P05B47/00E6B P05C3/30



Priority:

FR19970016878 19971231

Probable Assignee: RIMBAUD PIERRE

Assignee(s): (std): RIMBAUD PIERRE

Inventor(s): (std): BETTOUMI MONGI ; CASTELLIN LOUIS ; RIMBAUD PIERRE ; SASSI LEOPOLD ; PIERRE RIMBAUD ; MONGI BETTOUMI ; LOUIS CASTELLIN ; LEOPOLD SASSI

140) Family number: 59456309 (US2016265253A)

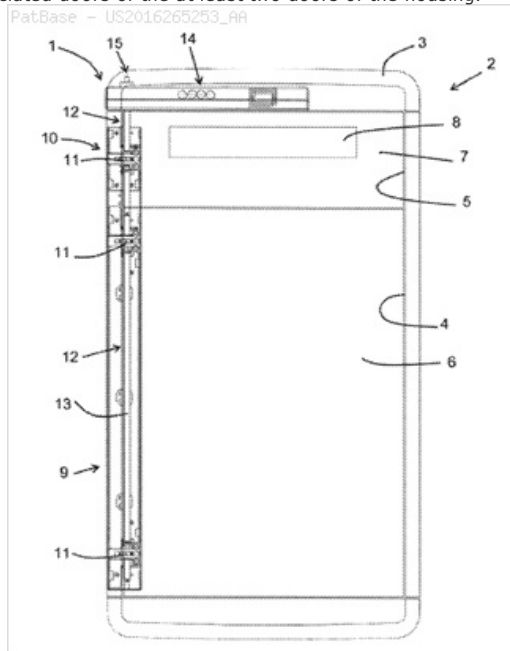
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Title: LOCKING UNIT, HOUSING WITH LOCKING UNIT, AND METHOD FOR UNLOCKING ONE OR MORE DOORS OF THE HOUSING

Abstract: Provided is a housing with at least two doors for locking respective housing openings, comprising: a locking unit, which, for each of the doors, has a respective locking-element module with at least one locking body and with a locking drive for actuating the locking body, wherein the locking drive for the locking-element modules has a common drive element, which can be moved and moves the locking body/bodies for just one of the doors into an unlocking setting and, in a second adjustment position, moves the locking bodies for all of the doors into an unlocking setting; or locking units, wherein one or more respective locking units can be activated for unlocking the associated door of the at least two doors of the housing, and respective locking units can be activated for unlocking all of the associated doors of the at least two doors of the housing.

Classifications:

International (IPC 8-9): A47G29/14 A47G29/16 E05B43/00 E05B47/00 E05B49/00 E05B65/00 E05B65/52 E05C3/00 E05C7/00 E05C9/08 E05C9/18 G06F1/10 G06F1/12 G06F1/24 G06F21/31 G06Q10/08 G07C9/00 G07F17/12 H04L29/06 H04L7/00 H04L9/00 H04L9/08 H04L9/14 H04L9/30 H04L9/32 H04W12/08 H04W4/00 H04W4/80 H04W56/00 (Advanced/Invention); E05C9/00 G06F1/04 H04L9/06 (Advanced/Non-invention)
CPC: E05B65/0003 E05C9/08 E05C9/18 E05B47/0001 H04L9/302 H04L9/14 H04L9/3249 H04L63/045 H04L7/0012 G06F21/31 G06Q10/0836 G06F1/10 G07C2009/0092 G07C9/00111 G07C9/00912 G07C9/00119 G07C9/00904 G07C9/00182 G07C2009/00468 G07C2009/00642 G06Q10/083 G07C9/00309 G07C2009/00412 G07C2209/08 G07C9/00896 E05B65/5246 G07F17/12 A47G29/141 A47G29/16 A47G2029/149 E05B43/005 E05B65/0078 G07C9/00 G07C9/00817 G07C2009/00373 G07C2209/63 G07C2209/64 H04L9/00 H04L9/0637 H04L9/088 H04L9/3242 H04L9/3247 H04L2209/805 G06F1/04 G06F1/12 G06F1/24 H04L9/08 H04L9/0819 H04L63/062 H04L63/10 H04W12/08 H04W56/001 H04W4/80
US: 340/5.21 340/5.26 340/5.65 340/5.73 70/78 705/339 726/17



Family:

Publication number	Publication date	Application number	Application date
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US2016267738 AA	20160915	US20160162314	20160523
US2016269168 AA	20160915	US20160163486	20160524
US2016275733 AA	20160922	US20160166043	20160526
US2016275735 AA	20160922	US20160167719	20160527
US2016275740 AA	20160922	US20160166082	20160526
US2016275741 AA	20160922	US20160167761	20160527
US2018151013 AA	20180531	US20180884635	20180131
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WO15082608 A1	20150611	WO2014EP76561	20141204
WO15082615 A1	20150611	WO2014EP76568	20141204
WO15082617 A1	20150611	WO2014EP76573	20141204
WO15082621 A1	20150611	WO2014EP76585	20141204
WO15082623 A1	20150611	WO2014EP76587	20141204

Priority:

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WO2014EP76561	20141204	WO2014EP76585	20141204	WO2014EP76587	20141204
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US20160162314	20160523	US20180884635	20180131		

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Agent(s): COHAUSZ AND FLORACK PATENT U RECHTSANWAELTE PARTNERSCHAFTSGESELLSCHAFT MBB ; COHAUSZ AND FLORACK ; REINHART BOERNER VAN DEUREN PC

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

141) Family number: 40798310 (US2007257773A)

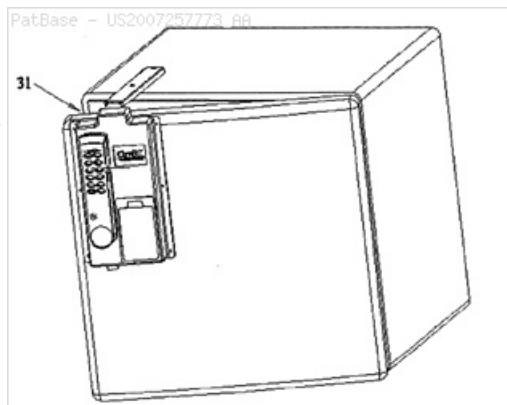
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Title: FIELD RETROFITTABLE REFRIGERATOR LOCK WITH AUDIT TRAIL

Abstract: Disclosed is apparatus and methodology for providing a retrofittable lock assembly for an enclosure. A manually or electronically accessible lock assembly has been provided that may be attached to an enclosure to control access to items stored in the enclosure. In a particular form, the retrofittable lock may be applied to a refrigerator used to store controlled medications. The retrofittable lock contains electronic circuitry that maintains a record of user identification, date, and time of access of users seeking access to items stored in the enclosure.

Classifications:

International (IPC 8-9): B60R25/00 E05B63/00 E05B65/44
H04L9/14 (Advanced/Invention);
B60R25/00 E05B63/00 E05B65/44 H04L9/14 (Core/Invention)
CPC: Y10T70/5111 Y10T70/5221 Y10T70/7068 E05B47/0012
E05B17/2088 E05B39/04 E05B63/0004 E05B65/0042 E05B2047/0016
E05B2047/002 F25D29/006
European: E05B17/20G2 E05B39/04 E05B47/00A4 P05B47/00A5C1
P05B47/00A5D1 P05B63/00A P05B65/00M R25D29/00E
US: 340/5.22 340/5.220S 340/5.28 340/5.280S 340/5.73 340/5.730P
70/106 70/278.1 70/278.100S 70/81



Family:

Publication number	Publication date	Application number	Application date
US2007257773 AA	20071108	US20060411973	20060426
US7768378 BB	20100803	US20060411973	20060426

Priority:

US20060411973 20060426

Probable Assignee: COMPLEX INT INC

Assignee(s): (std): COMPLEX INT INC

Assignee(s): COMPLEX INTERNATIONAL INC ; COMPLEX INT

Inventor(s): (std): BELZEK STEVEN A ; BREWCZYNSKI ROBERT ; HILL BRIAN R ; KACZMARZ KENNETH A ; MLYNARCZYK MITCHELL S ; VAUGHN ERNEST ; ZIMMERMAN FRANCIS H

142) Family number: 32099312 (US2002097141A)

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Title: ELECTRONIC ACCESS CONTROL DEVICE

Abstract: An electronic lock utilizes two microprocessors remote from each other for enhanced security. The first microprocessor is disposed close to an input device such as a keypad, and the second microprocessor is disposed close to the lock mechanism and well protected from external access. The first microprocessor transmits a communication code to the second microprocessor when it receives via the input device an access code that matches a preset access code. The second microprocessor opens the lock if the transmitted communication code matches a preset communication code. The dual-microprocessor arrangement is advantageously used in a voice controlled access control system and in a motorcycle ignition control system. The present invention further provides an electronic access control system which has a master electronic key having a preset number of access, and an electronic alarm system for a bicycle that has a remote control mounted in the helmet of the rider.

Classifications:

International (IPC 8-9): B60R25/00 E05B47/00 G05B19/00 G05B23/00 G06F17/00 G06F17/30 G06F21/00 G06F7/00 G06F7/04 G06F9/46 G06F9/48 G06F9/50 G06K19/00 G06Q20/00 G07C9/00 G07F11/00 G07F5/18 G07F5/26 G07F7/02 G07F7/10 G07F9/02 G08B1/08 G08B13/00 G08B13/12 G08B29/00 G08C19/00 H01L29/80 H04B1/00 H04B3/00 H04L9/00 H04L9/32 H04Q1/00 H04Q1/30 H04Q7/00 H04Q9/00 (Advanced/Invention); G06F21/00 G06F7/00 G06F9/46 G06Q20/00 G07C9/00 G07F5/00 G07F7/00 G07F9/02 G08B1/00 H04B1/00 H04L9/32 (Core/Invention)

International (IPC 1-7): B60R25/00 E05B49/00 G05B19/00

G05B23/00 G06F7/00 G06F7/04 G06K19/00 G08B1/08 G08B29/00

G08C19/00 H04B1/00 H04B3/00 H04L9/14 H04L9/32 H04Q1/00

H04Q1/30 H04Q7/00 H04Q9/00

CPC: G07C9/00103 G07C9/00563 G07C2009/00642 G07F17/00

G07F17/0014 G07C9/00166 G07C2009/0023 G07C2009/00238

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G07F11/62 G07F17/12 G06F9/5066 G06F21/76 G06F21/81

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G07F9/00 G07C9/00111 G06F21/6209 G06F21/77

G06F2221/2101 G06F2221/2105 G06F2221/2111 G06F2221/2117

G06F2221/2149 G06K7/10227 G06Q20/18 G06Q20/327

G07C9/00309 G07C9/00857 G07C2009/00865 G07C2009/0088

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G05B2219/24206 G05B2219/25062 G05B2219/2613

G07C9/00571 G07F9/026 G07F11/002

European: B60R25/102 B62H5/20 G06F21/62A G06F21/76 G06F21/77

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340/825.69 361/171 361/172 455/343.2

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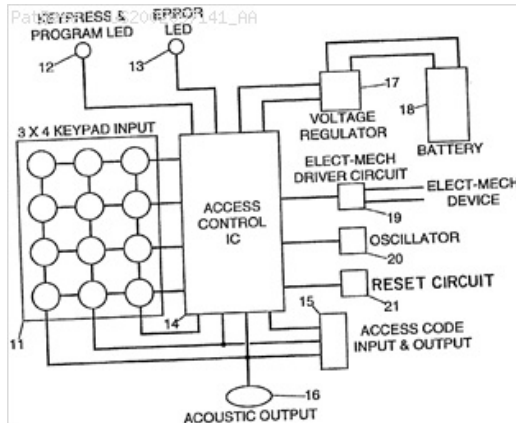
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**Family:**

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US2013027177 AA	20130131	US20120616324	20120914
US2019051082 AA	20190214	US20180152085	20181004
US5617082 A	19970401	US19940339555	19941115
US6359547 BA	20020319	US19960760062	19961204
US6359547 C1	20140417	US19960760062	19961204
US6900720 BB	20050531	US20020329626	20021226
US6977576 BB	20051220	US20010024945	20011219
US7019615 BB	20060328	US20040885948	20040707
US7295100 BB	20071113	US20050254263	20051020
US7373352 BB	20080513	US20040010661	20041213
US7456725 BB	20081125	US20040807935	20040324
US7482907 BB	20090127	US20040885998	20040707
US7495543 BB	20090224	US20040997500	20041124
US7683758 BB	20100323	US20040807936	20040324
US7683758 C1	20140616	US20040807936	20040324
US7725897 BB	20100525	US20040997550	20041124
US7741952 BB	20100622	US20070708730	20070221
US7741952 C1	20140428	US20070708730	20070221
US7821395 BB	20101026	US20040838449	20040504
US8587405 BB	20131119	US20050137257	20050525
US8643487 BB	20140204	US20120556982	20120724
US10269202 BB	20190423	US20180152085	20181004

Priority:

US19940339555	19941115	US19960760062	19961204	US20010024945	20011219
US20010344221P	20011227	US20020329626	20021226	US20030528831P	20031211
US20040807935	20040324	US20040807936	20040324	US20040838449	20040504
US20040885948	20040707	US20040885998	20040707	US20040997550	20041124
US20040997500	20041124	US20040010661	20041213	US20050111559	20050421
US20050137257	20050525	US20050185110	20050720	US20050254263	20051020
US20060583449	20061019	US20060583670	20061019	US20070708730	20070221
US20080261846	20081030	US20080261843	20081030	US20100853739	20100810
US20100853721	20100810	US20100853754	20100810	US20100893723	20100929
US20100893705	20100929	US20110044718	20110310	US20110076080	20110330
US20110086890	20110414	US20110182891	20110714	US20110182911	20110714
US20110194356	20110729	US20110194326	20110729	US20110222210	20110831
US20120556982	20120724	US20120616324	20120914	US20180152085	20181004

Probable Assignee: OS SECURITY LLC

Assignee(s): (std): BROWNFIELD LAWRENCE ; BROWNFIELD LAWRENCE C ; DENISON WILLIAM D ; HAMAOKA YOSHIYUKI ; MICRO ENHANCED TECHNOLOGIES INC ; MICRO ENHANCED TECHNOLOGY INC ; SILVERS BRADLEY S ; MICRO ENHANCED TECHNOLOGY INC ; ROATIS CALIN ; MYERS GARY L ; ROATIS CALIN V ; O S SECURITY ; MOBILE TECH INC ; TRITEQ LOCK AND SECURITY LLC ; TOSHIBA CORP ; TOSHIBA KK

Assignee(s): TOSHIBA AMERICA ELECTRONIC COMPONENTS ; OS SECURITY LLC ; OS SECURITY ; MICRO ENHANCED TECHNOLOGIES INC ; KABUSHIKI KAISHA TOSHIBA

Inventor(s): (std): BROWNFIELD LAWRENCE C ; SILVERS BRADLEY S ; HAMAOKA YOSHIYUKI ; ROATIS CALIN ; BROWNFIELD LAWRENCE ; MYERS GARY L ; DENISON WILLIAM D ; ROATIS CALIN V ; BROWNFIELD LAWRENCE D

Inventor(s): SILVERS BRADLEY ; DENISON WILLIAM ; MYERS GARY

Agent(s): FACTOR AND LAKE LTD; LEYDIG VOIT AND MAYER LTD; LAW OFFICES OF MARK L BERRIER; BISHOP AND DIEHL LTD; FACTOR AND LAKE; LEYDIG VOIT AND MAYER; MILLER MATTHIAS AND HULL LLP; THOMPSON COBURN LLP

143) Family number: 53090313 (EP2562333A1)

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Title: AUTOMOTIVE AND TRANSPORTATION CONTROL SYSTEMS

Abstract: The invention relates to a system of a type in which providing information to predetermined and subsequently designated monitoring stations relating to the position and security of a cargo contained in a vehicle is achieved by centrally monitored locks with a central connection realized via GSM network or by means of Internet such that all of the data can be centrally monitored online. The system comprises a Global Positioning System (GPS) receiver, a microcontroller unit, a communication platform and a software platform. The high security lock configuration according to the present invention configuration comprises an electronic control circuitry associated with said microcontroller unit for driving an electric motor blocking the electronic lock, said lock being located at a physically inaccessible position from outside, and a means of identification in communication with the control circuitry and positioned on the door wing. The means of identification may be a keypad, a fingerprint reader, an ID card reader (eg MIFARE card), an ID/IB/TOM key reader or may be with a remote control. The high security lock arrangement according to the present invention features a multi-point bolt electronic lock system actuated by an electrical motor in response to a signal by said microcontroller unit. Said motor serves to advance a plurality of bolts in a door wing into respective slots in a simultaneous manner. Said bolts are attached to a carrier bar extending perpendicular to the locking axis along the longitudinal axis of said wing (19). Said carrier bar is further associated with upper and lower bolts which in turn advances into respective upper and lower slots.

Classifications:

International (IPC 8-9): B65D90/54 E05B15/10 E05B47/00

E05B65/14 G07C9/00 (Advanced/Invention)

CPC: G07C9/00039 E05B15/108 E05B47/0012 E05B83/02

E05B2047/0094 E05C9/045 E05C9/185

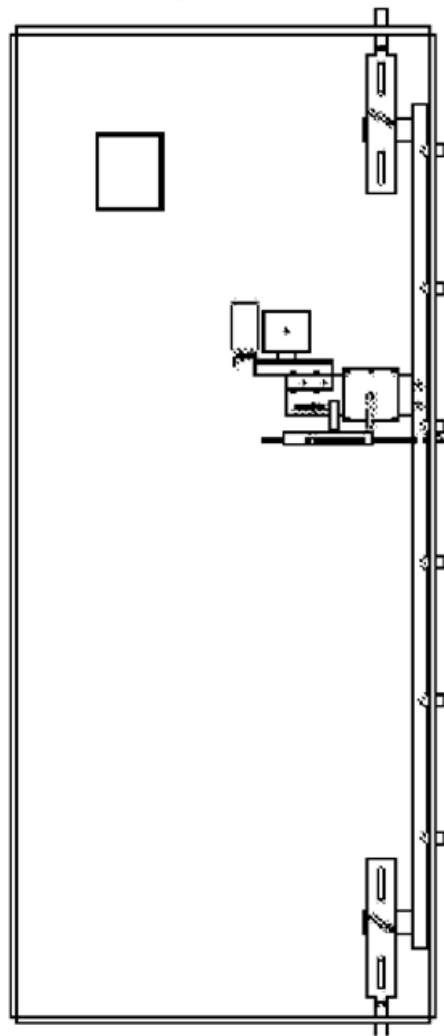


Fig. 4a

Family:

Publication number	Publication date	Application number	Application date
EP2562333 A1	20130227	EP20110178547	20110823

Priority:

EP20110178547 20110823

Probable Assignee: KALE KILIT DIS TICARET A S

Assignee(s): (std): KALE KILIT DIS TICARET A S

Assignee(s): KALE KILIT DIS TICARET A.S.

Inventor(s): (std): DOGAN CAVIT

Agent(s): SEVINC ERKAN

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

144) Family number: 34552314 (DE102006007691B3)

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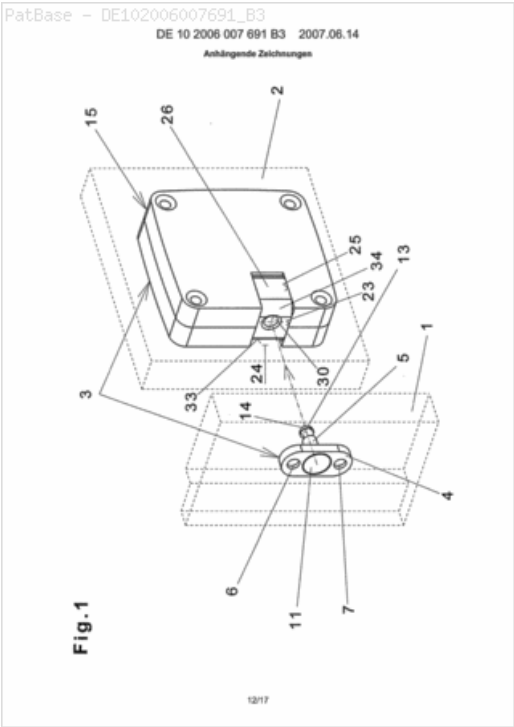
Title: LOCKING UNIT FOR E.G. SLIDING DOOR, HAS CONTROL BLOCK ADJUSTED BY HAND IN THREE ASSIGNED POSITIONS AROUND SPECIFIC DEGREES, AND ARRANGED IN POSITION IN LOCKED MANNER, WHERE BLOCK IS ARRANGED IN HOUSING

Abstract: The unit has a plate-shaped locking bolt retainer (4) that is attached to a locking bolt (5). A control block (26) has a locking recess (30) for receiving the locking bolt. The control block is adjusted by hand in three assigned positions around 90 degrees and is arranged in the position in a locked manner. The block is arranged in a housing (15) and is accessible in the area of the recess from the outside of the housing over openings (23, 24, 25) in the housing that extends over three outer surfaces of the housing that are limited to each other.

Classifications:

International (IPC 8-9): E05B15/02 E05B15/10 E05B15/12
E05B47/06 E05B65/08 E05B9/02 (Advanced/Invention);

E05B15/00 E05B47/06 E05B65/08 E05B9/00 (Core/Invention)
CPC: E05B47/0011 E05B47/0012 E05B47/026 E05B63/0056
E05B63/04 E05B65/087 E05B2015/0235 E05B2047/0016
E05B2047/002 E05B2047/003 E05B2047/0034 E05B2063/0026
European: E05B47/00A3 E05B47/02 E05B47/02R E05B63/00S
E05B63/04 P05B15/02E3B P05B47/00A4 P05B47/00A5C1
P05B47/00A5D1 P05B47/00A5D7C P05B47/00A5D7G P05B63/00D
P05B65/08F



Family:

Publication number	Publication date	Application number	Application date
DE102006007691 B3	20070614	DE200610007691	20060220

Priority:

DE200610007691 20060220

Probable Assignee: JUL NIEDERDRENK GMBH AND CO KG
Assignee(s): (std): JUL NIEDERDRENK GMBH AND CO KG
Inventor(s): (std): KEMMANN PETER

145) Family number: 33199316 (DE202006002970U1)

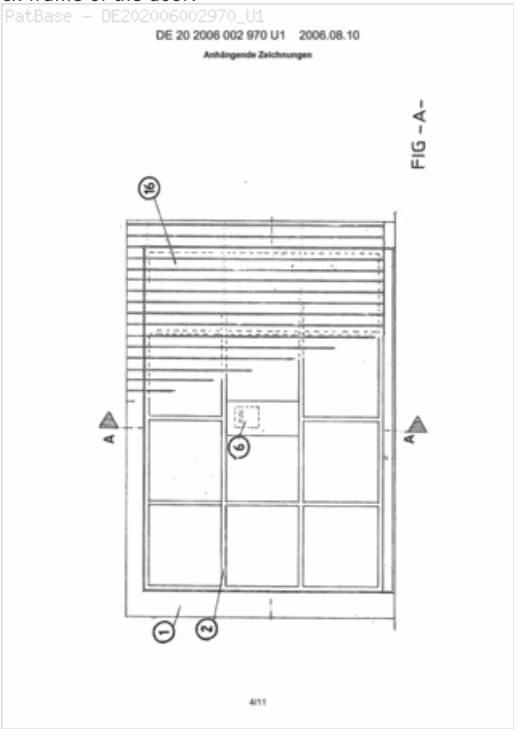
© PatBase

Title: EQUIPMENT ROOM SWINGING DOOR FOR SPORTS HALL HAS CLOSURE MECHANISM MOUNTED ON PLATE IN MIDDLE OF DOOR EXTERIOR FACE

Abstract: The equipment room swinging door (2) for a sports hall is mounted on a plate on the exterior face of the door. The locking bolt is mounted upwardly on the locking tongue and is guided upwardly through the surrounding frame (1). The lower region has a return spring which equalises friction forces. The door has an upper runner with tandem rollers and a cable safety. There are counterweights at right and left behind the block frame of the door.

Classifications:

International (IPC 8-9): E05F15/00 E06B3/50 (Advanced/Invention);
E05F15/00 E06B3/32 (Core/Invention)
CPC: E05Y2900/106 E05D13/006 E05B65/0021 E05D15/38
European: E05B65/00G E05D13/00B2 P05D15/38



Family:

Publication number	Publication date	Application number	Application date
DE202006002970 U1	20060706	DE200620002970U	20060224

Priority:

DE200620002970U 20060224

Probable Assignee:

SCHEYING HEINZ

Assignee(s): (std):

SCHEYING HEINZ

146) Family number: 31869321 (US6886378B)

© PatBase

Title: CONTAINER LOCKING SYSTEM

Abstract: A system for locking cargo containers. The container locking system comprises a lock housing comprising a box, a lock bar housing disposed behind the lock housing, a lock bar disposed within the lock bar housing, a staple attached to the lock bar, a slot disposed between the lock housing and the lock bar housing, and a lock. The staple translates and rotates as the lock bar translates and rotates. The staple may be disposed in the slot and accessed from an opening in the front of the lock housing. A shackle of the lock may be disposed through a hole in the staple, thus securing the system.

Classifications:

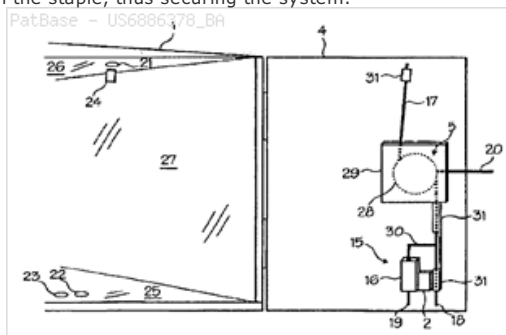
International (IPC 8-9): E05B67/36 E05B67/38 (Advanced/Invention);
E05B65/14 E05C9/06 E05C9/18 (Advanced/Non-invention);
E05B67/00 (Core/Invention);
E05B65/12 E05C9/00 (Core/Non-invention)

International (IPC 1-7): E05B65/06

CPC: E05B67/36 E05B67/383 E05B83/02 E05C9/06 E05C9/185
Y10T70/498 Y10T70/5319 Y10T70/5779 Y10T292/1049

European: E05B67/36 E05B67/38B P05B83/02 P05C9/06
P05C9/18B1C

US: 292/218 70/129 70/212 70/56



Family:

Publication number	Publication date	Application number	Application date
US6886378 BA	20050503	US20020315965	20021209

Priority:

US20020315965 20021209

Probable Assignee: SUN PACIFIC SYSTEMS INC

Assignee(s): (std): SUN PACIFIC SYSTEMS INC

Inventor(s): (std): HARRIS DARIN ALLEN ; HARRIS THOMAS DONOVAN

Agent(s): CROCKETT AND CROCKETT; CROCKETT ESQ K DAVID; K DAVID

147) Family number: 17713322 (DE29503112U1)

© PatBase

Title: Break-down safety device for windows

Abstract: Source: DE29503112U1 [DE] (Claim 1) 1 Schutzansprüche 1. Vorrichtung zur Sicherung von Fenstern (2), Türen und ähnlichen Öffnungsverschlüssen gegen Einbruch, mit einem den geschlossenen Fensterflügel (4) und den festen Rahmen (3) verbindenden Riegel (6), dadurch gekennzeichnet, dass der Riegel (6) aus einem mit dem festen Rahmen (3) verbundenen Rastbuegel (8) und einem wiederum mit diesem drehbar verbundenen Schwenkbuegel (9) besteht, wobei ihnen eine in der Schwenkstellung einrastende Schwenksperre (10) zugeordnet ist.

Machine translation: (Claim 1) 1 Requirements for protection 1. Device to the safety device of windows (2), doors and similar opening catches against break-down, with the closed windows flat steel bar uegel (4) and firm-frame (3) connecting latch plate (6), thus identified-draw e t that the latch plate (6) consists 3) connected rest handle (8) and one of one with the firm framework (again with this these connected swiveling handle (9), whereby a swiveling barrier (10), engaging in the swiveling position, is assigned to them.

Classifications:

International (IPC 8-9): E05B17/20 E05B35/00 E05B63/00
E05C21/02 E05C3/04 (Advanced/Invention);
E05B17/00 E05B35/00 E05B63/00 E05C21/00
E05C3/00 (Core/Invention)

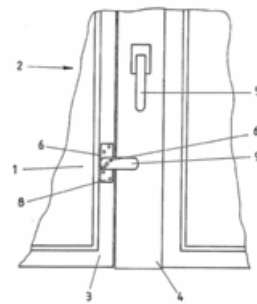
International (IPC 1-7): E05C21/02 E05C3/10

CPC: E05B17/2038 E05B35/008 E05B63/0004 E05C3/04

European: E05B17/20D21S E05B35/00J E05B63/00A E05C3/04

26.04.95

Fig.1



295031 12

Family:

Publication number	Publication date	Application number	Application date
DE29503112 U1	19950713	DE19952003112U	19950224

Priority:

DE19952003112U 19950224

Probable Assignee: STROETER AND CO**Assignee(s):** (std): STROETER AND CO**Assignee(s):** STROETER AND CO 42579 HEILIGENHAUS DE**148) Family number: 35854325** (US2007200566A)

© PatBase

Title: HIGH PERFORMANCE SECURITY INSPECTION SYSTEM WITH PHYSICALLY ISOLATED DETECTION SENSORS

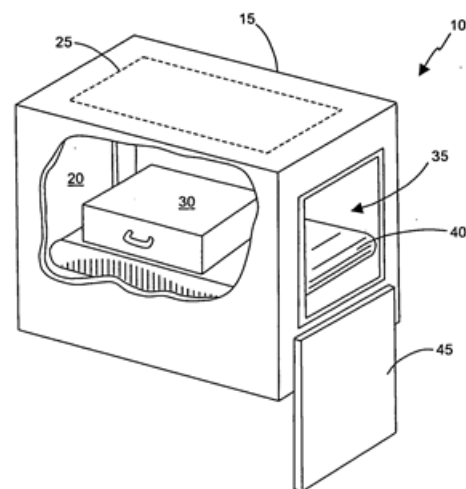
Abstract: An inspection system includes a housing having a cavity which defines an inspection zone, and a positioning device within the inspection zone which provides positioning of a specimen within the inspection zone. The inspection system includes a sensor system for inspecting the specimen, and an entrance aperture formed in the housing. The entrance aperture may be sized to permit the specimen to pass through the entrance aperture. The inspection system also includes a sealing mechanism, such as a door, which cooperates with the positioning device. The sealing mechanism is operatively coupled to the housing and selectively positionable between open and closed positions. The open position permits the specimen to pass through the entrance aperture, and the closed position seals the entrance aperture to effectively isolate the inspection system.

Classifications:**International (IPC 8-9):** E05F1/00 G01V3/00 (Advanced/Invention);

E05F1/00 G01V3/00 (Core/Invention)

CPC: G01V5/0008**European:** G01V5/00D**US:** 324/318 49/361 49/506

PatBase - US2007200566_AA

**Family:**

Publication number	Publication date	Application number	Application date
US2007200566 AA	20070830	US20060363654	20060228
US2009000207 AA	20090101	US20080074751	20080306
US7358733 BB	20080415	US20060363654	20060228

Priority:

US20060363654 20060228

US20080074751 20080306

Probable Assignee: MORPHO DETECTION INC
Assignee(s): (std): CLARK KEITH A ; GE SECURITY INC ; KRESSE DAVID E ; MOYER BRAD
Assignee(s): MORPHO DETECTION INC ; GE SECURITIY INC ; GE HOMELAND PROTECTION INC
Inventor(s): (std): CLARK KEITH A ; KRESSE DAVID E ; MOYER BRAD
Agent(s): CANTOR COLBURN LLP; PATRICK W RASCHE 22697 ARMSTRONG TEASDALE LLP; ARMSTRONG TEASDALE LLP; HYUN ESQ EUGENE; EUGENE

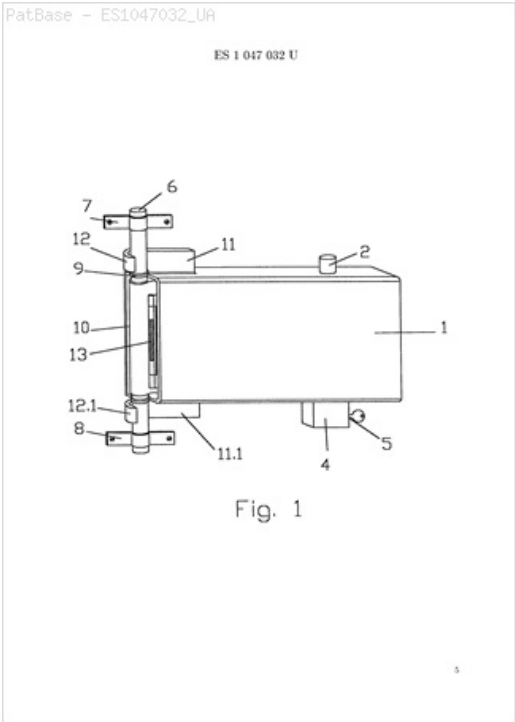
149) Family number: 34664327 (ES1047032Y) © PatBase

Title: CUBRE-CIERRE Y BLOQUEO DE SEGURIDAD PARA PUERTAS DE CAMION O REMOLQUE.

Abstract: Source: ES1047032U [ES] 1. Cubre-cierre y bloqueo de seguridad para puertas de camion o remolque, de los que se hallan constituidos por una barra (6) que actua mediante giro reteniendo o liberando un pestillo ubicado en la base del camion o remolque, y que se hallan dotados de una estructura dotada de un pulsador (16) que acciona un resbalon (18) determinando dicho giro el cierre o apertura del pestillo inferior, siendo de los que poseen un portaprecintos 19, caracterizado porque comprende la disposicion de un pasador constituido por un vástago (3) entre unos orificios (17) de la base (10), de modo que tal pasador transcurre por la parte posterior del pulsador (16) que es solidario a un resbalon (18) de dicho cierre.

Machine translation: 1. Close and lock safety door covers of truck or trailer, which are constituted by a rod (6) acting by rotation retaining or releasing a latch located at the base of the truck or trailer, and which are provided with a structure provided with a pushbutton (16) which actuates a latch (18) determining said rotation the closing or opening of the lower latch, being possessing a portaprecintos 19, characterized in that it comprises the provision of a pin consisting of a rod (3) between holes (17) of the base (10), so that such pin passes through the back of the button (16) which is secured to a latch (18) of said closure.

Classifications:
International (IPC 8-9): E05B65/18 (Advanced/Invention);
E05B65/12 (Core/Invention)
International (IPC 1-7): E05B65/18



Family:

Publication number	Publication date	Application number	Application date
ES1047032 UA	20010216	ES20000002257U	20000906
ES1047032 Y1	20010716	ES20000002257U	20000906
ES1047032 YA	20010716	ES20000002257U	20000906

Priority:
ES20000002257U 20000906
Probable Assignee: SEGURIDAD FREMOES S L
Assignee(s): (std): SEGURIDAD FREMOES S L ; SEGURIDAD FREMOES S L
Assignee(s): SEGURIDAD FREMOES SL ; SEGURIDAD FREMOES SL
Inventor(s): (std): FRESNEDA ORTEGA JULIO ANTONIO

150) Family number: 10208328 (US4742701A) © PatBase

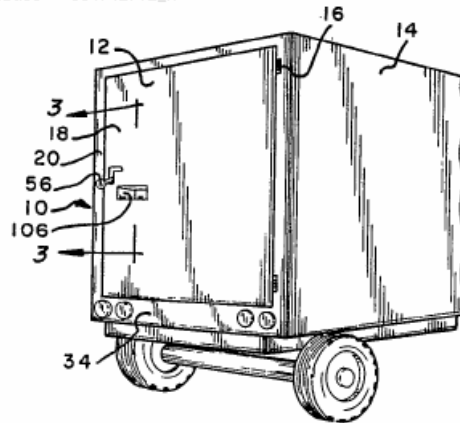
Title: TRAILER LOCK

Abstract: A door for a trailer, container, garage or similar structure carries a vertically movable elongated rod adjacent its free end. A plurality of pins are pivotally mounted on the rod and are adapted to move into locking apertures located on the structure as the rod moves downwardly into its door locking position. The rod can be moved upwardly and downwardly by a manually operable handle which is accessible from the exterior of the door. The door is also provided with a recess within which is located a key lock mechanism for locking the rod in the downward position. The key lock mechanism includes a vertically aligned keyhole which is accessible only through the recess thereby making access to the keyhole by a screw-driver or the like difficult.

Classifications:

International (IPC 8-9): E05C9/02 (Advanced/Invention);
E05B17/20 E05B67/38 E05C9/18 (Advanced/Non-invention);
E05C9/00 (Core/Invention);
E05B17/00 E05B67/00 (Core/Non-invention)
International (IPC 1-7): E05B63/14
CPC: Y10S292/32 E05C9/02 E05B17/20 E05B67/383 E05C9/1883
Y10T70/493 Y10T70/5283 Y10T292/0803 Y10T292/086
Y10T292/0891
European: E05C9/02 P05B17/20 P05B67/38B P05C9/18B2B
US: 292/5 292/54 292/67 292/DIG.32 70/121 70/54

PatBase - US4742701_A

**Family:**

Publication number	Publication date	Application number	Application date
US4742701 A	19880510	US19870063498	19870618

Priority:

US19870063498 19870618

Probable Assignee: SCAVETTO DONALD**Assignee(s):** (std): SCAVETTO DONALD**Inventor(s):** (std): SCAVETTO DONALD**151) Family number: 57468332** (US2015254948A)

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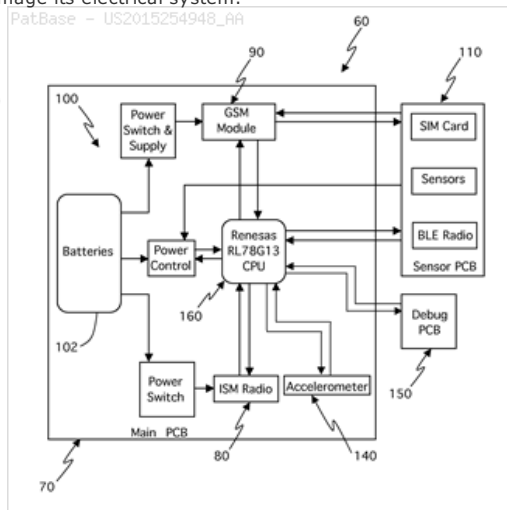
Title: CONTAINER BREACH DETECTOR SYSTEM

Abstract: A container breach detector system to monitor breaches of a transportation container. A self-contained container breach detector provides activation, status, and/or breach event date and time stamp data and a unique identification number of a communication tower, for a user to determine when and where authorized and/or unauthorized breaches of the transportation container occurred. Furthermore, the self-contained container breach detector serves as a recording device to record the activation, status, and/or breach event date and time stamp data; and communicates via various communication means including text via short message service, SMS, and/or e-mail. A container breach detector is intended for a one-time use only, to be discarded at destination. Each container breach detector has individual serial numbers. An encapsulating composition ensures that the self-contained container breach detector is used only once, and is not removed, recharged and reused, whereby removal of the encapsulating composition would damage its electrical system.

Classifications:

International (IPC 8-9): E05B45/06 G08B13/02 G08B13/08
G08B13/189 G08B13/19 (Advanced/Invention);
G08B13/16 (Advanced/Non-invention)
CPC: G08B13/02 G08B13/08 G08B13/1663 G08B13/1895 G08B13/19
US: 1/1 340/541

PatBase - US2015254948_AA

**Family:**

Publication number	Publication date	Application number	Application date
US2015254948 AA	20150910	US20130828114	20130314
US9460593 BB	20161004	US20130828114	20130314
WO14152735 A2	20140925	WO2014US27676	20140314
WO14152735 A3	20141113	WO2014US27676	20140314

Priority:

US20130828114 20130314

Probable Assignee: CONTAINER SEAL PROJECT PARTNERS LLC**Assignee(s):** (std): ACOSTA ENRIQUE ; BMB METALS LLC ; CONTAINER SEAL PROJECT PARTNERS LLC**Assignee(s):** E S INFORMATION SYSTEMS INC**Inventor(s):** (std): THORPE PRESTON TAYLOR ; WILLEY HARLEY MICHAEL ; WILKINSON MICHAEL RAY ; DUNCAN LYNDL BRENT ; ACOSTA ENRIQUE ; SUAREZ GUSTAVO GERARDO**Agent(s):** ALBERT BORDAS PA; BORDAS ALBERT**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

152) Family number: 54361335 (WO13110459A1)

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Title: CLOSING DEVICE FOR CLOSING AND SECURING A RECEIVING DEVICE

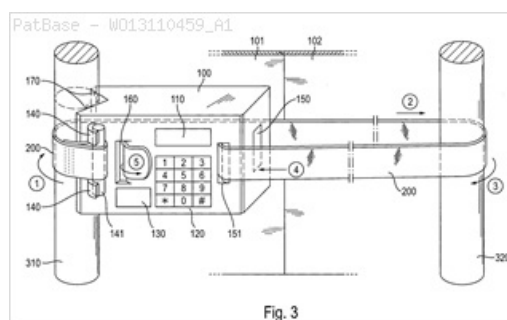
Abstract: The aim of the invention is to design a closing device for a receiving device that is easy to handle while effectively protecting the receiving space to be protected against tampering. Said aim is achieved by a closing device for closing a receiving device having at least one fastening element (310, 320) arranged on an opening element of the receiving device, wherein the closing device comprises: a housing (100); a locking unit arranged inside the housing (100); an at least partially flexible holding element (200) with a first and a second end section, wherein the holding element (200) can be led around the at least one fastening element (310, 320) of the receiving device in the unclosed state of the closing device and the first end section is detachably or non-detachably fixed to or in the housing (100). Once the holding element (200) has been led around the at least one fastening element (310, 320), a locking section (210) of the holding element (200) located between the first and second end sections is blocked in the closed state in or on the housing by the locking unit by means of a form fit and/or a friction fit.

Classifications:

International (IPC 8-9): E05B47/00 E05B65/12 E05B67/36

E05C19/18 G08B13/12 (Advanced/Invention)

CPC: E05B83/14 E05B39/005 E05B45/005 E05B83/10 E05C19/18
G08B13/06 G08B25/10



Family:

Publication number	Publication date	Application number	Application date
DE102012201021 A1	20130725	DE201210201021	20120124
WO13110459 A1	20130801	WO2013EP00206	20130123

Priority:

DE201210201021 20120124

Probable Assignee: CARGOGUARD GMBH

Assignee(s): (std): BLAUFUS JEAN ; CARGOGUARD GMBH

Assignee(s): BLAUFUSS JEAN

Inventor(s): (std): BLAUFUS JEAN ; BOVIG GERD ; WILDE THOMAS

Inventor(s): BLAUFUSS JEAN

Agent(s): RIEMANN JOERG

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR
CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID
IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR
MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW 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

153) Family number: 30688337 (WO04055303A1)

© PatBase

Title: A LOCKING ARRANGEMENT FOR ROD BOLTS

Abstract: A locking arrangement for rotatable rod bolts (114) such as used in back-doors of lorries (110). Block-like body (130) is formed with a circular cavity (132) extending along one side surface thereof (130a), of a diameter slightly larger than the diameter of the rod (114). The body (130) is freely seated on the rod (114). A key operable locking device (134) such as of the push-in type is used to arrest the body (130) against a bore (138) formed in the rod bolt (114), thus preventing the rotation thereof into the unlocking position.

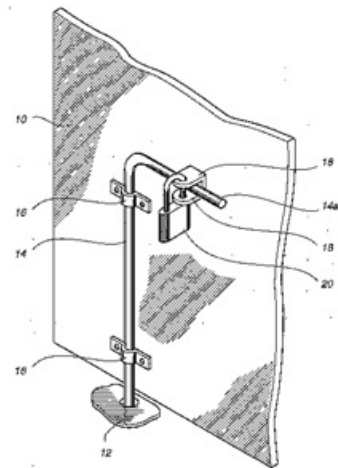
Classifications:

International (IPC 8-9): E05B65/16 E05B77/00 (Advanced/Invention);
E05B65/12 (Core/Invention)

International (IPC 1-7): E05B E05B65/16

CPC: E05B83/10

European: E05B83/10

FIG. 1
(PRIOR ART)**Family:**

Publication number	Publication date	Application number	Application date
AU2003285744 AA	20040709	AU20030285744	20031214
IL153499 A0	20030706	IL20020153499	20021217
W004055303 A1	20040701	W02003IL01065	20031214

Priority:

IL20020153499 20021217 WO2003IL01065 20031214

Probable Assignee:

MEIR AVGANIM

Assignee(s): (std):

AVGANIM MAIR ; MAIR AVGANIM

Assignee(s):

MEIR AVGANIM

Inventor(s): (std):

AVGANIM MAIR

Inventor(s):

MAIR AVGANIM

154) Family number: 56477338 (WO14081344A1)

© PatBase

Title: DOOR LOCK WITH INCREASED DEGREE OF SECURITY AGAINST BURGLARY

Abstract: The invention relates to mechanical locking devices and can be used on doors installed in residential buildings, and on various gates, hatches, containers, etc. The universal lock comprises a housing and, placed therein, a gearwheel and a cross bar with a toothed surface, said cross bar being positioned such that the teeth can mesh with the teeth of the gearwheel. The lock housing has a through opening which is intended for placing a bushing, on the surface of which the gearwheel is mounted, therein. The body of the gearwheel contains through slots which are arranged on different sides of the centre of the gearwheel, but on the same axis, and are intended for the entry therein of blocking elements which are fixed on the internal wall of the lock housing. Furthermore, the bushing is divided into two equal parts by a longitudinal slot which is formed from the edge of the bushing as far as the internal wall of the lock housing, thus forming a common slot for the bushing and the gearwheel and thereby ensuring the possibility of access of a locking/opening element which penetrates the lock body on the side of the external wall of the lock housing through an axial opening in the bushing to the blocking elements of the lock.

Classifications:**International (IPC 8-9):** E05B53/00 E05B63/12

E05B65/00 (Advanced/Invention)

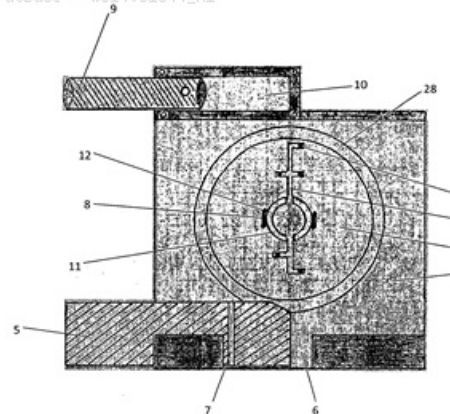
CPC: E05B63/00

FIG. 1

Family:

Publication number	Publication date	Application number	Application date
RU2516797 C1	20140520	RU20120149563	20121121
WO14081344 A1	20140530	WO2013RU01038	20131120

Priority:

RU20120149563 20121121

Probable Assignee: ZVJAGINTSEV IGOR VIKTOROVICH

Assignee(s): (std): ZVJAGINTSEV IGOR VIKTOROVICH ; ZVYAGINTSEV IGOR VIKTOROVICH

Inventor(s): (std): ZVJAGINTSEV IGOR VIKTOROVICH ; ZVYAGINTSEV IGOR VIKTOROVICH

Agent(s): PATENT AND LAW FIRM YUS LIABILITY CO LTD

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

155) Family number: 65567339 (US2017124792A)

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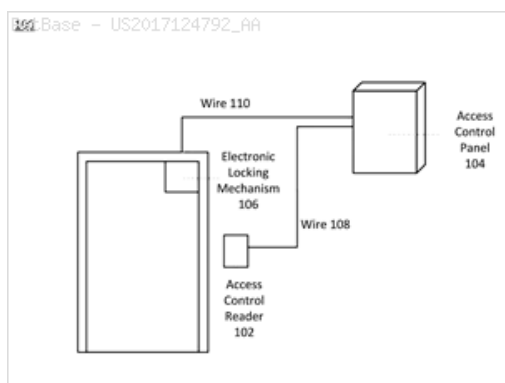
Title: SYSTEMS AND METHODS FOR CONTROLLING ACCESS TO PHYSICAL SPACE

Abstract: Disclosed systems and methods relate to a smart access control reader for an access control system. According to embodiments, a method can include installing the smart access control reader to the access control system by connecting the smart access control reader to the access control system via wiring of the access control system. The method can also include receiving, by the smart access control reader, one or more first credentials for authenticating one or more users by the access control system. The method can further include determining, by the smart access control reader, that the one or more first credentials are authorized. Moreover, the method can include transmitting, by the smart access control reader, a second credential to an access control panel of the access control system, in response to a request by a first user to access an area monitored by the access control system.

Classifications:

International (IPC 8-9): E05B49/00 G06F21/31 G06F21/32 G06F21/34 G06K19/00 G06K7/08 G07C G07C9/00 G08B G08B25/04 G08B29/00 (Advanced/Invention); G06F21/32 (Advanced/Non-invention)

CPC: G07C9/00722 G06F21/31 G06F21/34 G06K7/087 G07C9/00857 G07C9/00087 G06F21/32 G07C9/00309 G07C9/00563 G07C9/00571 G07C9/0069



Family:

Publication number	Publication date	Application number	Application date
AU2016348413 AA	20180426	AU20160348413	20161103
CA3003174 AA	20180424	CA20163003174	20161103
CN108475447 A	20180831	CN201680064693	20161103
EP3371789 A1	20180912	EP20160862970	20161103
HK1252687 A1	20190531	HK20180111995	20180918
IN201837013738 A	20180518	IN201837013738	20180410
JP2019505058 T2	20190221	JP20180543039T	20161103
KR20180093908 A	20180822	KR20187015808	20161103
MX2018004510 A1	20190130	MX20180004510	20161103
US2017124792 AA	20170504	US20160342911	20161103
US2019035194 AA	20190131	US20180136935	20180920
US10083559 BB	20180925	US20160342911	20161103
WO17079438 A1	20170511	WO2016US60334	20161103

Priority:

US20150250849P 20151104
US20180136935 20180920

US20160342911 20161103

WO2016US60334 20161103

Probable Assignee: LATCHABLE INC

Assignee(s): (std): GRISZBACHER JAMES ; LATCHABLE INC

Assignee(s): SCHOENFELDER LUKE ANDREW ; MEYERHOFFER THOMAS ; SOLE IVAN ALMARAL ; HOLT TRAVIS ; HUSSAIN ALI AKBAR ; JONES MICHAEL BRIAN

Inventor(s): (std): LUKE ANDREW SCHOENFELDER ; ALI AKBAR HUSSAIN ; IVAN ALMARAL SOLE ; THOMAS MEYERHOFFER ; MICHAEL BRIAN JONES ; JAMES GRISZBACHER ; TRAVIS HOLT ; GRISZBACHER JAMES ; JONES MICHAEL BRIAN ; HOLT TRAVIS ; SCHOENFELDER LUKE ANDREW ; SOLE IVAN ALMARAL ; MEYERHOFFER THOMAS ; HUSSAIN ALI AKBAR

Agent(s): PETER MAXWELL AND ASSOCIATES; SMART AND BIGGAR; HGF LTD; HNC INNOVATION LTD; KOBAYASHI HIROSHI; OHMORI NORIO; WILMER CUTLER PICKERING HALE AND DORR LLP; KONSTANTAKOPOULOS THEODOROS ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ 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 KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: TUER

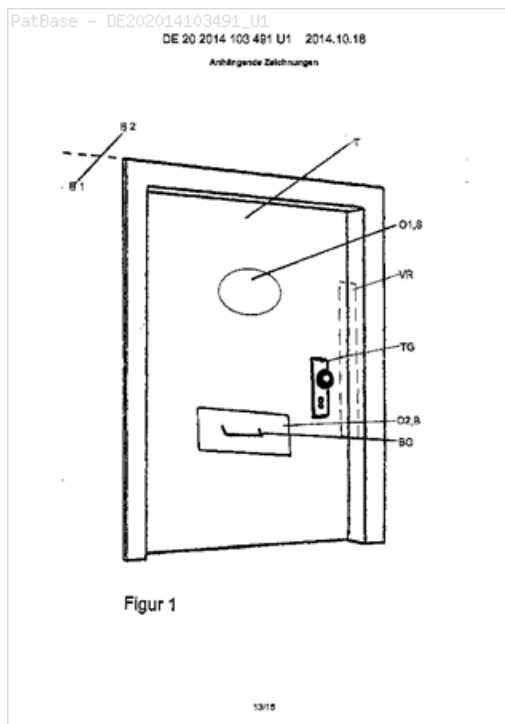
Abstract: Source: DE202014103491U1 [DE] Tuer (T), insbesondere Tuer fuer einen Zugang von einem ersten Bereich (B1) zu einem zweiten Bereich (B2), insbesondere zu einem Wohnbereich und/oder zu einem gewerblichen Bereich, – wobei der Tuer (T) mindestens eine erste oeffnung (O1) fuer einen Blickkontakt zwischen dem ersten und dem zweiten Bereich (B1, B2) und/oder eine zweite oeffnung (O2) fuer ein Bewegen von Gegenstaenden zwischen dem ersten und dem zweiten Bereich (B1, B2) zugeordnet ist, – wobei der ersten oeffnung (O1) ein erster Verschluss-Mechanismus (OS1) zugeordnet ist, der in einem ersten Betriebszustand (OS1BZ1) die erste oeffnung (O1) abdeckt und der in einem zweiten Betriebszustand (OS1BZ2) die erste oeffnung (O1) freigibt, und/oder wobei der zweiten oeffnung (O2) ein zweiter Verschluss-Mechanismus (OS2) zugeordnet ist, der in einem ersten Betriebszustand (OS2BZ1) die zweite oeffnung (O2) abdeckt und der in einem zweiten Betriebszustand (OS2BZ2) die zweite oeffnung (O2) freigibt, und – wobei der Tuer (T) ein Verriegelungsmechanismus (VR) zugeordnet ist, der die Tuer (T) in geschlossener Stellung in einem ersten Betriebszustand (VRBZ1) verriegelt und der die Tuer (T) in geschlossener Stellung in einem zweiten Betriebszustand (VRBZ2) entriegelt, dadurch gekennzeichnet, – dass der Verriegelungsmechanismus (VR) der Tuer (T) in der Weise ausgestaltet ist, dass sein erster Betriebszustand (VRBZ1) und sein zweiter Betriebszustand (VRBZ2) in Abhaengigkeit von dem ersten und/oder dem zweiten Betriebszustand (OS1BZ1, OS1BZ2) des Verschluss-Mechanismus (OS1) der ersten oeffnung (O1) und/oder in Abhaengigkeit von dem ersten und/oder dem zweiten Betriebszustand (OS2BZ1, OS2BZ2) des Verschluss-Mechanismus (OS2) der zweiten oeffnung (O2) gebildet wird.

Classifications:

International (IPC 8-9): E05B47/00 E06B7/30 E06B7/32

G07C9/00 (Advanced/Invention)

CPC: E06B7/32 E06B7/30



Family:

Publication number	Publication date	Application number	Application date
DE102014110769 A1	20150205	DE201410110769	20140730
DE202013103428 U1	20131031	DE201320103428U	20130731
DE202014103491 U1	20141016	DE201420103491U	20140729

Priority:

DE201320103428U 20130731

DE201420103491U 20140729

DE201410110769 20140730

Probable Assignee:

GOTTSCHICK MICHAEL

Assignee(s): (std):

GOTTSCHICK MICHAEL

Assignee(s):

GOTTSCHICK

Inventor(s): (std):

GOTTSCHICK MICHAEL

Title: LOCK UNIT FOR ELECTRONIC HIGH SECURITY LOCK REQUIRING INPUT OF ELECTRONIC IDENTIFICATION SIGNALS FOR RELEASE OF BLOCKING SLIDER TO PERMIT MOVEMENT OF LOCKING PINS INTO RELEASED POSITION

Abstract: The lock unit has a housing (1) with an integrated evaluation device for signals provided by an electronic input combined with an operating part, which also acts as a grip, used for operation of the locking pins (5), with a blocking slider (6) preventing the opening movement of the locking pins operated by a cam mounted on the axis of an electric motor (14).

Classifications:

International (IPC 8-9): E05B47/00 E05B47/06 E05B49/00

E05G1/04 (Advanced/Invention);

E05B47/00 E05B47/06 E05B49/00 E05G1/00 (Core/Invention)

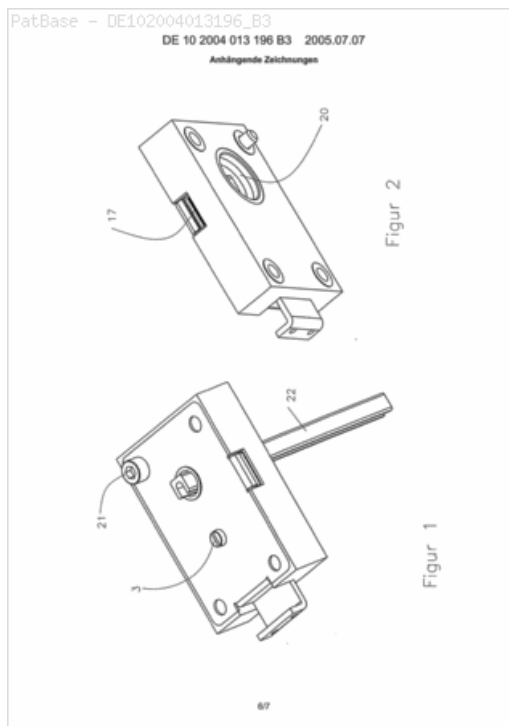
International (IPC 1-7): E05B47/00 E05B47/06 E05G1/04

CPC: E05B47/0012 E05B47/0603 E05B49/00 E05B2047/0092

E05B2047/0093

European: E05B47/00A4 E05B47/06 E05B47/06A E05B49/00

P05B47/00N P05B47/00P



Family:

Publication number	Publication date	Application number	Application date
DE102004013196 B3	20050707	DE200410013196	20040317

Priority:

DE200410013196 20040317

Probable Assignee: TST TRESOR UND SCHLOSTECHNIK G

Assignee(s): (std): TST TRESOR U SCHLOSTECHNIK G ; TST TRESOR UND SCHLOSTECHNIK G

Assignee(s): TST TRESOR UND SCHLOSTECHNIK GMBH ; TST TRESOR U SCHLOSTECHNIK GMBH

158) Family number: 11140350 (US5806355A)

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Title: UNIVERSAL ADAPTER FOR A SECURITY SYSTEM

Abstract: A universal adapter (300) for a security system, having: a back plate (302) having a left portion (304) and a right portion (306); and positioning adapter plates (308,310) extending substantially outwardly from the left and right portions (304,306) of the back plate (302), the positioning adapter plates (308,310) having an adjustment structure, such as a first pair of ports (314) spaced in proximity to the back plate (302) and a second pair of ports (316) spaced away from the back plate (302), adapted to adjustably receive a lock assembly of a security system in a first position proximate to the back plate and a second position away from the back plate. Also, the adapter can have a clamping structure (350) for holding a locking structure with respect to an inside of a cargo loading door.

Classifications:

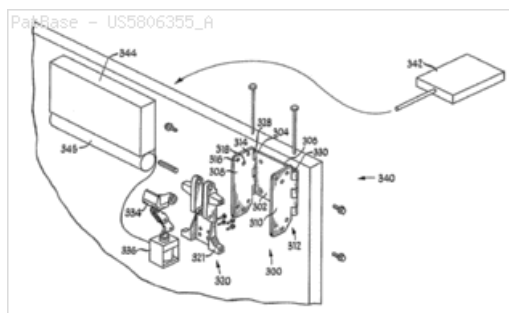
International (IPC 8-9): E05B47/02 E05B65/16 (Advanced/Invention); E05B47/02 E05B65/12 (Core/Invention)

International (IPC 1-7): E05B65/12

CPC: Y10S292/32 Y10S292/53 Y10S292/60 E05B47/023 E05B47/0002 E05B47/0004 E05B47/026 E05B83/10 Y10T70/5978 Y10T70/8541 Y10T70/8838 Y10T292/1082

European: E05B47/00A1 E05B47/02 E05B47/02P E05B47/02R E05B83/10 P05B47/00A1B1

US: 248/282.1 292/201 292/DIG.32 292/DIG.53 292/DIG.6 292/DIG.60 70/257 70/451 70/461 702/570



Family:

Publication number	Publication date	Application number	Application date
US5806355 A	19980915	US19960615361	19960314

Priority:

US19960615361 19960314

Probable Assignee: MILJACK PRODUCTS INC

Assignee(s): CHALKO JR GERALD F ; LANIGAN WILLIAM P ; MILJACK PRODUCTS INC ; MIRABELLA PETER W

Inventor(s): (std): LANIGAN WILLIAM P ; MIRABELLA PETER W ; CHALKO JR GERALD F

159) Family number: 15023353 (US5462320A)

© PatBase

Title: INTERNALLY REMOVABLE SAFETY HASP SYSTEM

Classifications:

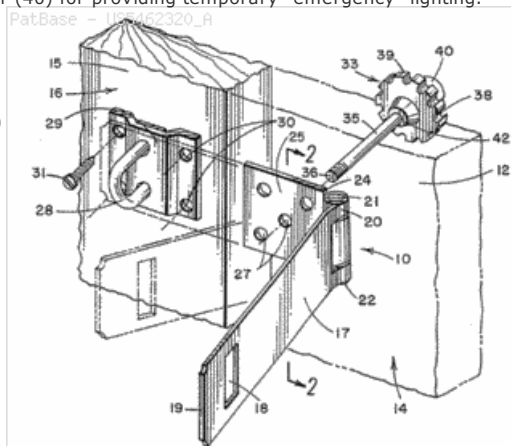
E05C19/08 (Advanced/Invention);

International (IPC 1-7): E05B15/02 E05C19/08

CPC: Y10S292/65 Y10T29/4984 Y10T292/03 Y1

European: E05B17/10 E05B65/00M6

001: 00/ 10/ 001/ 1 001/ 000 001/ 010 001/ 010:00



Family:

Publication number	Publication date	Application number	Application date
US5462320 A	19951031	US19940227967	19940415
US5711559 A	19980127	US19950551069	19951031

Priority:

US19940227967 19940415 US19950551069 19951031

Probable Assignee:

DAVIS ROLAND L

Assignee(s):

DAVIS ROLAND L

Inventor(s): (std):

DAVIS ROLAND L

160) Family number: 32330354 (US2005219037A)

Title: CARGO THEFT PREVENTION METHOD AND SYSTEM

Abstract: A cargo theft prevention method is disclosed. According to the method, a security device for sealing a cargo container and a communication system capable of being in communication with a sealer and an unsealer are provided. A first code utilizing a first algorithm stored in the communication system is generated. A second code utilizing a second algorithm stored in the security device is generated. The second code is then examined when the security device is to be unsealed.

Classifications:

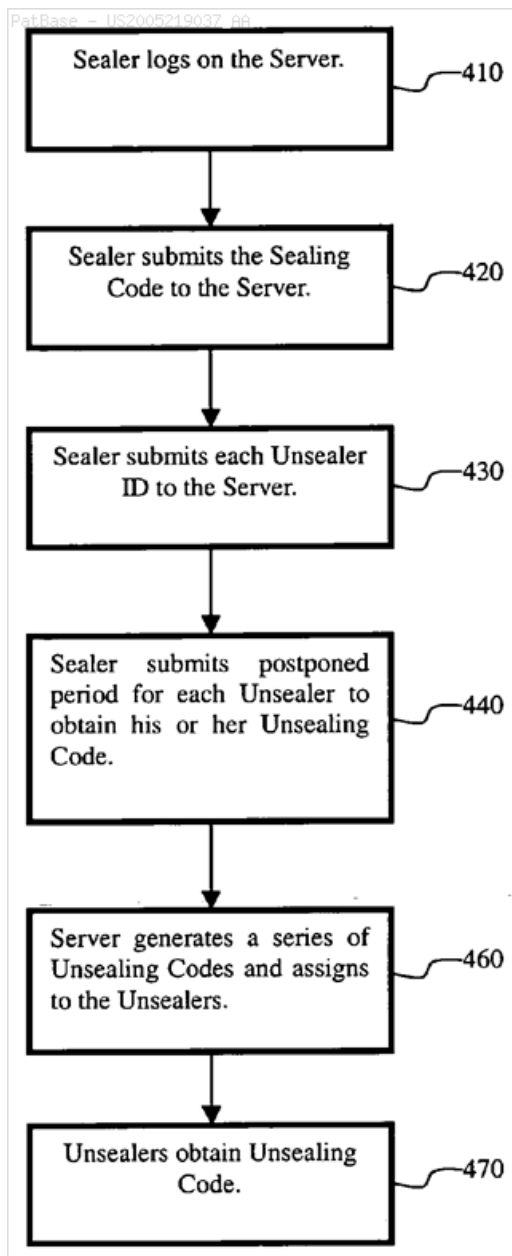
G09F3/03 (Advanced/Invention);

G09F3/03 (Core/Invention)

CPC: G09F3/0394 G07C9/00912 G07C2009/0092 Y10T70/40

US: 340/5.26 340/5.260S 340/5.5 340/5.500S 340/5.73 340/5.730P

340/5.9 340/5.900S 380/278 380/278S 70/14 70/14S



Family:

Publication number	Publication date	Application number	Application date
CN1327100 C	20070718	CN200410026752	20040402
CN1676842 A	20051005	CN200410026752	20040402
US2005219037 AA	20051006	US20050094469	20050331

Priority:

CN200410026752 20040402 US20040581061P 20040621 US20050094469 20050331

Probable Assignee:

HUANG TAO

Assignee(s): (std):

HUANG TAO

Inventor(s): (std):

HUANG TAO

Inventor(s):

TAO HUANG

Agent(s):

WILKINSON AND GRIST

161) Family number: 56107362 (US2016371907A)

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Title: KEYS AND LOCKS

Abstract: An electronic key without a power supply is used for unlocking an electronic door lock of a means of transportation such as an automobile or for unlocking an anti-theft system electronic lock. On the means of transportation, a building, a cabinet or an independent electronic lock, a solar power generation component and a battery that can be replaced externally are installed to supply power to a recognition device such as the electronic key and the electronic lock. An electronic passcode remote control key is firmly fixed on the means of transportation or an outer wall of the building, said key being easily removed and installed by an owner; and may be installed on or around the driver dashboard of the means of transportation, facilitating startup of an engine. A smart mobile phone or the like is used as a key to unlock the door lock of the means of transportation or the building and the anti-theft system lock. This solves the problem that a lock cannot be unlocked when a mobile phone battery is used up. A mobile phone can control several locks, obtain the current status of the locks and record a data history. The owner of the means of transportation performs electronic key pairing, passcode registration and biometric feature registration. The keys and the locks simultaneously achieve good anti-theft performance, good convenience performance and low costs.

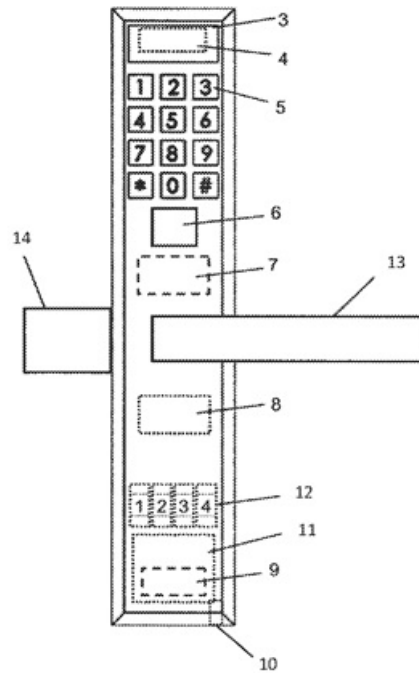
Classifications:

International (IPC 8-9): B60R25/20 B60R25/23 E05B17/10
E05B37/20 E05B47/00 E05B49/00 E05B81/80 E05B81/82 G06F3/042
G07C9/00 (Advanced/Invention)

CPC: G07C9/00174 G07C2009/00634 G07C2209/62 E05B49/00
E05B47/00 E05B17/10 B60R25/209 B60R25/23 E05B2047/0058
G07C2009/00793 G07C9/00563 E05B81/80 E05B81/82
E05B2047/0064 G07C9/0069

US: 340/5.52

PatBase - US2016371907_AA

**Family:**

Publication number	Publication date	Application number	Application date
CN103700175 A	20140402	CN201310744115	20131231
CN103778703 A	20140507	CN201410045804	20140210
CN103955978 A	20140730	CN201410190211	20140508
IN201617025924 A	20160831	IN201617025924	20160728
US2016371907 AA	20161222	US20140109428	20141225
WO15101210 A1	20150709	WO2014CN094952	20141225

Priority:

CN201310744115 20131231 CN201410045804 20140210 CN201410190211 20140508
WO2014CN094952 20141225

Probable Assignee: MA YAOWU

Assignee(s): (std): MA YAOWU

Assignee(s): TO WU MA

Inventor(s): (std): GEORGE MA ; RUAN FEN ; MA QIANJING ; HUANG PINZHEN ; MA QIANJIA ; MA JUN ; MA YAOWU ; MA
GEORGE ; GEORGE HORSE

Inventor(s): GEORGEMA

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

162) Family number: 44245365 (US2010011665A)

© PatBase

Title: HIGH TRAFFIC FLOW ROBOTIC ENTRANCE PORTAL FOR SECURE ACCESS

Abstract: Electro-mechanical and electronically controlled access devices are described for controlling access to a building, premises or area in a secure manner such that a subject who is deemed ineligible for access will be barred entry and may be optionally retained. The devices can contain multiple rotatable door panels, which can be positioned behind one another. The door panels can be controlled by mechanized arms or other control devices in order to control the passage through the device. The direction of flow through a device according to these embodiments is electronically controlled and may be changed at any point in time. At any instant in time, the flow through the device is unidirectional. Multiple devices can be stacked together to form clusters, which can be controlled according to traffic, time of day, or other factors.

Classifications:

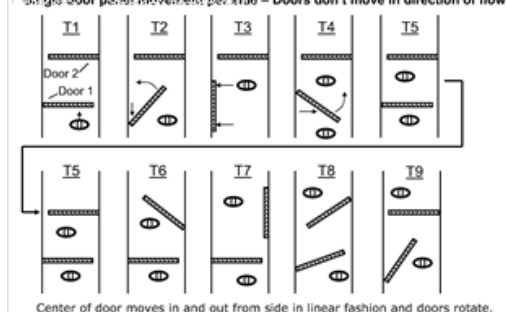
International (IPC 8-9): E01F13/00 E05B47/00 E05D15/58
E05F15/00 E05F15/10 E05F15/20 E05F15/40 E05F15/60 E05F15/608
E05F15/611 E05F15/70 E05F15/73 E05F15/74 E05F15/78 E05F17/00
E05G5/00 E05G5/02 E06B11/02 E06B3/50 E06B5/00 E06B5/10
E06B9/04 G06K9/00 G07C9/02 G08B21/00 (Advanced/Invention);
E05F15/00 (Advanced/Non-invention);
E01F13/00 E05B47/00 E05F15/20 E05F17/00
G08B21/00 (Core/Invention)

CPC: G07C9/02 E05F17/00 G07C9/00103 G07C9/00158
E05Y2300/82 E05D15/58 E05F15/00 E05G5/003 E05Y2900/132
E05F2017/008 E05F15/70 E05F15/40 E05F15/608 E05F15/73
E05Y2400/82 E05F15/60 E05F15/611 E05G5/02 E05F15/79
E05F15/627 E05F15/646 E06B3/5072 E06B3/5081 E05F2015/765
E05F2015/767 E05F2017/005 E05Y2400/44 E05F17/002 E06B3/509

European: E01F13/06 E05D15/58 E05F15/10D E05F15/20D
P05Y400/82 P05Y900/132

US: 109/6 340/540 340/540S 49/104 49/142 49/254 49/28 49/31 49/31P 49/49 49/49S 49/68 49/9 49/98

Single door panel movement per side - Doors don't move in direction of flow



Family:

Publication number	Publication date	Application number	Application date
GB201102258 A0	20110323	GB20110002258	20090715
GB201516004 A0	20151021	GB20150016004	20140210
GB2474205 A1	20110406	GB20110002258	20090715
GB2474205 B2	20130109	GB20110002258	20090715
GB2529073 A1	20160210	GB20150016004	20140210
US2010011665 AA	20100121	US20090502997	20090714
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Priority:

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US20150690245 20150417	US20170588617 20170506	

Probable Assignee: OSANN JR ROBERT**Assignee(s):** (std): OSANN JR ROBERT ; OSANN ROBERT JR ; ROBERT JR OSANN**Assignee(s):** ROBERT OSANN JR**Inventor(s):** (std): OSANN JR ROBERT ; OSANN ROBERT JR ; ROBERT JR OSANN**Inventor(s):** ROBERT OSANN JR**Agent(s):** FLIESLER MEYER LLP; CHERSKOV FLAYNIK AND GURDA LLC; FLIESLER MARTIN C ET AL; GURDA SZYMON

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

163) Family number: 41454368 (US2008029529A)

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Title: THEFT-DETERRING LOCK PROTECTORS

Abstract: Theft-deterrent lock protector apparatus generally encloses and mechanically restricts access to locks which restrict access to receptacles, containers, and/or materials of value, thus providing a second level of security to such receptacles, containers, and/or materials. Such receptacles, containers, and materials include shipping containers, truck bodies, enclosed trailers, and hitch receptacles. Such locks include padlocks, shackle locks, U-locks, hasps, trailer latches, trailer clasps, trailer tongues, receiver hitches, and receiver pins. The locking enclosure apparatus restriction enables a user to secure various objects with such locks and lock protectors while mitigating deleterious and/or nefarious tool access to the locks themselves.

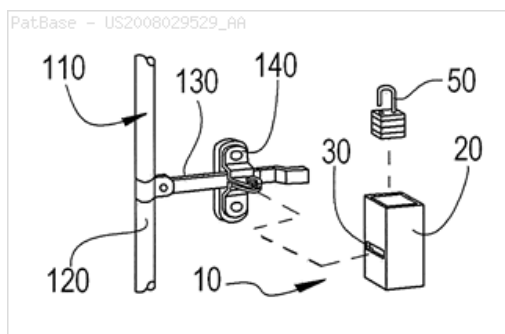
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B65D55/02 B65D90/00 E05B65/12 E05B67/00 (Core/Invention)

CPC: B65D90/008 B65D2211/00 E05B13/002 E05B67/383

Y10T70/498 Y10T70/80

European: B65D90/00F E05B67/38B L65D211/00 P05B13/00C**US:** 220/890 70/431 70/56**Family:**

Publication number	Publication date	Application number	Application date
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US2008029529 AA	20080207	US20070888259	20070731

Priority:

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Probable Assignee: RUHL GARY**Assignee(s):** (std): RUHL GARY**Inventor(s):** (std): RUHL GARY**Agent(s):** MACRAE AND CO; WILHELM LAW SERVICE SC

Title: FLAP DOOR ROTATING ROD TYPE LOCK - HAS CURVED SEGMENT WHICH ENGAGES HOOK END OF LOCKING BOLT

Abstract: A rotating rod lock for flap doors on powered vehicle constructions and containers, partic. those powered vehicles and containers in which rotation of the rotatable rod locks together the door sections or the container floors, has a curved segment (4) situated at least in the upper region of the rotatable rod to engage with a hook design (11) constructed end of a bolt (7) across two cam surfaces (5, 6). The bolt (7) is of linearly moveable type. The counter stop (10) for the bolt hook (11) has contact surfaces.

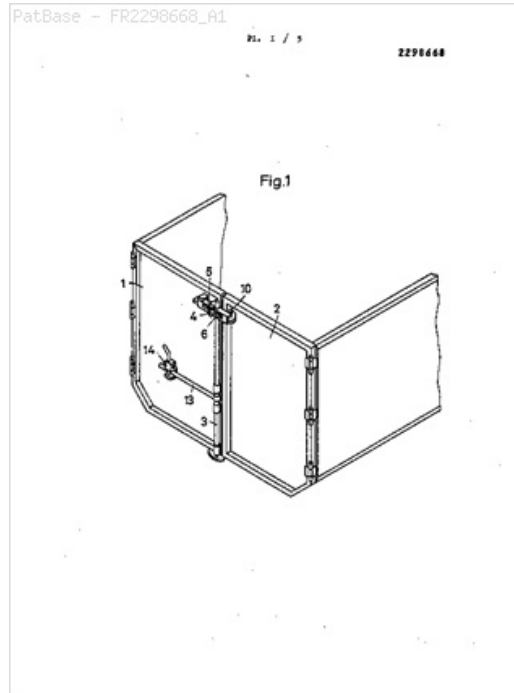
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International (IPC 8-9): E05B65/16 E05B83/10 (Advanced/Invention); E05B65/12 (Core/Invention)

International (IPC 1-7): B60P E05C9/08

CPC: E05B83/10

European: E05B83/10



Family:

Publication number	Publication date	Application number	Application date
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IT1053370 A	19810831	IT19760047598	19760112

Priority:

DE19752503122 19750125

Probable Assignee: HESTERBERG AND SOEHNE F

Assignee(s): (std): HESTERBERG AND SOEHNE F

Assignee(s): HESTERBERG ET SOHNE F ; F HESTERBERG AND SOEHNE ; F HESTERBERG AND SOHNE ; FHESTERBERG AND SOEHNE

Inventor(s): (std): WITTKOWSKI S

Title: DISCHARGE VALVES FOR AIRBAGS AND AIRBAGS INCLUDING THE SAME

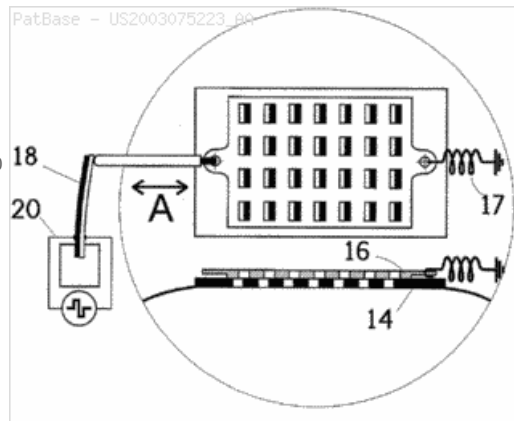
Abstract: Discharge valve for an airbag including a fixed member adapted to be arranged in connection with or associated with the airbag and having a pattern of openings and a movable member having a pattern of openings substantially identical to the pattern of openings of the fixed member. The movable member is movable relative to and alongside the fixed member to vary the correspondence between the openings on the movable member and the openings in the fixed member to thereby vary valve openings defined by the fixed member and the movable member. Variation in the valve openings results in control and/or regulation of the outflow of gas from the airbag through the discharge valve. The members may be plates, cylinders or cones.

Classifications:

International (IPC 8-9): B60C11/24 B60C23/00 B60C23/04 B60K28/00 B60K28/02 B60K28/14 B60L1/00 B60N2/02 B60N2/28 B60Q1/00 B60R21/01 B60R21/0136 B60R21/015 B60R21/016 B60R21/16 B60R21/20 B60R21/205 B60R21/213 B60R21/23 B60R21/232 B60R21/233 B60R21/235 B60R21/239 B60R21/26 B60R21/276 B60R21/30 B60R21/33 B60R22/00 B60R25/10 B62D1/11 E05F15/00 G01G19/10 G01G19/52 G01H11/00 G01M17/00 G01M17/02 G05D27/00 G06F17/00 G06F19/00 G06F7/00 G06K9/00 G07C5/00 G07C5/08 G08B21/00 G08C19/00 G09G5/00 H01H13/70 H01L43/06 H02B1/24 H03K17/97 H03K17/975 H04Q5/22 (Advanced/Invention); B60R21/00 B60R21/01 B60R21/013 B60R21/0134 B60R21/21 (Advanced/Non-invention); B60C23/00 B60K28/00 B60K28/10 B60L1/00 B60N2/02 B60R21/01 B60R21/015 B60R21/16 B60R21/20 B60R21/23 B60R21/26 B60R21/33 B60R22/00 B60R25/10 E05F15/00 G01G19/08 G01G19/52 G01H11/00 G01M17/00 G01M17/02 G05D27/00 G06F17/00 G06F19/00 G06F7/00 G06K9/00 G08B21/00 G08C19/00 G09G5/00 H01H13/70 H02B1/00 H03K17/94 (Core/Invention); B60R21/01 (Core/Non-invention)

International (IPC 1-7): F16K3/00

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Family:

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Priority:

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US20070832870	20070802	US20070833052	20070802	US20070839622	20070816
US20070841056	20070820	US20070851167	20070906	US20070926422	20071029

Probable Assignee: AMERICAN VEHICULAR SCIENCES LLC

Assignee(s): (std): AUTOMOTIVE TECH INT ; BREED DAVID S ; DUVALL WILBUR E ; JOHNSON WENDELL C

Assignee(s): AMERICAN VEHICULAR SCIENCES LLC ; ATI 2 ; ATI 295 ; AUTOMOTIVE TECHNOLOGIES INT ; AUTOMOTIVE TECHNOLOGIES INT INC ; AUTOMOTIVE TECHNOLOGIES INTERNATIONAL INC ; AUTOMOTIVE TECHNOLOGIES INTIONAL

Inventor(s): (std): BREED DAVID S ; CHEN TIE QI ; DU VALL WILBUR E ; JOHNSON WENDELL C ; KHVASTUKHIN MYKHAILO ; MORIN JEFFREY L ; SANDERS DECEASED THOMAS ; SANDERS SYLVIA ; SANDERS THOMAS ; DUVALL WILBUR E

Inventor(s): JOHNSON WENDELL ; BREED DAVID ; MORIN JEFFREY ; DUVALL WILBUR

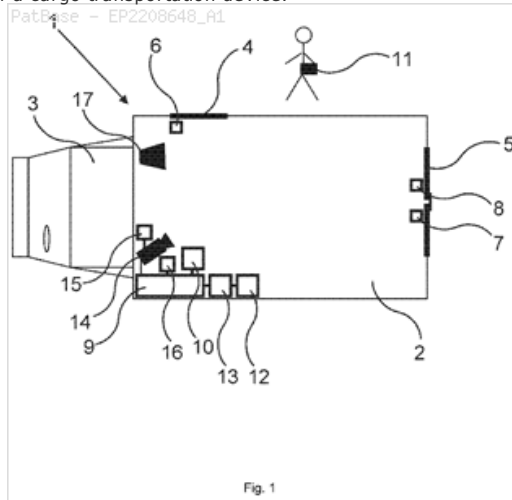
Agent(s): BRIAN ROFFE ESQ; ROFFE BRIAN; BRIAN

Title: METHOD AND SYSTEM FOR MONITORING THE INTERIOR OF A GOODS TRANSPORT DEVICE

Abstract: The method involves detecting access attempt to an internal space (2) of a cargo transportation device (1) by sensors (6, 7, 8) e.g. vibration sensors or temperature sensors. An alarm signal is produced by a control device (9). A request signal is transmitted to an external identification (ID) transmitter (11) e.g. active radio frequency ID transmitter, by a transmitting unit (10) to request the transmitter to transmit a detection signal that is received by a receiving device (12) and checked in a detection device (13). The alarm signal is deactivated after checking the detection signal. An independent claim is also included for a system for monitoring an internal space of a cargo transportation device.

Classifications:

International (IPC 8-9): B60R25/00 B60R25/10 B60R25/24 B60R25/30 B60R25/33 E05B65/20 G07C9/00 G08B13/196 G08B13/22 H04N5/225 H04N5/33 (Advanced/Invention); G08B13/194 G08B13/22 H04N5/225 H04N5/33 (Core/Invention)
CPC: B60R16/033 B60R25/245 B60R25/302 B60R25/305 B60R25/33 B60R2325/105 B60R2325/205 G07C5/008 G07C5/0866 G07C5/0891
European: B60R16/033 B60R25/24F B60R25/30B B60R25/30D B60R25/33 G07C5/00T G07C5/08R2C G07C5/08R4C L60R325/10F L60R325/20D

**Family:**

Publication number	Publication date	Application number	Application date
AT523392 E	20110915	AT20090176430T	20091119
DE102008064034 A1	20100624	DE200810064034	20081222
DE502009001312 D1	20111103	DE200950001312T	20091119
EP2208648 A1	20100721	EP20090176430	20091119
EP2208648 B1	20110907	EP20090176430	20091119

Priority:

DE200810064034 20081222 EP20090176430 20091119

Probable Assignee: DEUTSCHE POST AG

Assignee(s): (std): DEUTSCHE POST AG

Inventor(s): (std): LAU WOLFGANG ; SCHLINDWEIN HERMANN

Agent(s): JOSTARNDT PATENTANWALTS AG; JOSTARNDT HANS DIETER

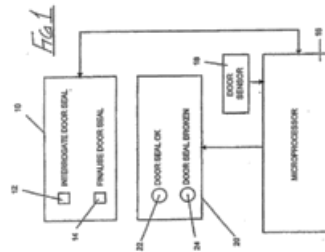
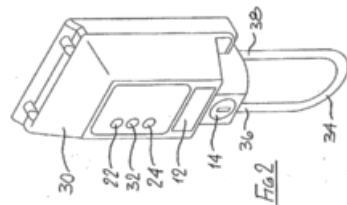
Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Title: COMPARTMENT SECURITY SYSTEM

Abstract: A security system for a goods-carrying compartment such as of a vehicle is arranged to indicate the sealed status of an access door 40 to the compartment. Following loading of the compartment, the system is used to seal the door closed by passing a security cable 34 through components 46, 50 of a lock mechanism associated with that door. The cable 34 is re-entered into the system housing 30 and then, using a key inserted into a security switch 14, the system is activated to show proper sealing. An interrogation switch 12 may be pressed to illuminate LED 22 if the door 40 has not been opened following sealing or LED 24 if the door has been opened and not properly re-sealed with a key. Two different keys may be provided, one for use with the initial sealing of the compartment and the other for re-sealing by an authorized person such as a driver, so long as the compartment was opened for a legitimate purpose on route between dispatch and the ultimate destination.

Classifications:

International (IPC 8-9): E05B39/00 G08B1/08 G08B13/08 (Advanced/Invention); E05B17/10 E05B35/08 (Advanced/Non-invention); E05B39/00 G08B1/00 G08B13/02 (Core/Invention); E05B17/00 E05B35/00 (Core/Non-invention)
International (IPC 1-7): G08B13/08
CPC: E05B17/10 E05B35/08 E05B39/00 G08B13/08
European: E05B39/00 G08B13/08 P05B17/10 P05B35/08
US: 340/426.28 340/539.11 340/539.13 340/542 340/545.1 340/568.1 340/568.2 340/571

**Family:**

Publication number	Publication date	Application number	Application date
US2004263332 AA	20041230	US20030604049	20030624
US7068162 BB	20060627	US20030604049	20030624

Priority:

US20030604049 20030624

Probable Assignee: LENNARD IAN MARTIN**Assignee(s):** (std): LENNARD IAN MARTIN ; MAPLE ALAN JAMES**Inventor(s):** (std): LENNARD IAN MARTIN ; MAPLE ALAN JAMES**Agent(s):** MCGARRY BAIR PC**168) Family number: 33357388** (US2003209893A)

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Title: OCCUPANT SENSING SYSTEM

Abstract: Optical classification method for classifying an occupant in a vehicle by acquiring images of the occupant from a single camera and analyzing the images acquired from the single camera to determine a classification of the occupant. The single camera may be a digital CMOS camera, a high-power near-infrared LED, and the LED control circuit. It is possible to detect brightness of the images and control illumination of an LED in conjunction with the acquisition of images by the single camera. The illumination of the LED may be periodic to enable a comparison of resulting images with the LED on and the LED off so as to determine whether a daytime condition or a nighttime condition is present. The position of the occupant can be monitored when the occupant is classified as a child, an adult or a forward-facing child restraint.

Classifications:

International (IPC 8-9): B60J10/00 B60N2/00 B60N2/015 B60N2/02 B60N2/06 B60N2/28 B60N2/48 B60N2/66 B60Q1/14 B60R16/02 B60R16/037 B60R21/01 B60R22/20 E05F15/00 G01F23/00 G01F23/20 G01F23/296 G01G19/414 G01S15/87 G01S15/88 G01S17/88 G01S7/41 G01S7/48 G01S7/539 G06F7/00 G06K9/00 (Advanced/Invention);

B60R1/12 B60R21/013 B60R21/0132 B60R21/0134 B60R21/015 B60R21/16 B60R21/20 B60R21/203 B60R21/215 B60R21/231 B60R21/26 B60R21/276 B60R22/28 B60R22/46 B60R22/48 G01S13/04 G01S15/04 G01S15/06 G01S17/89 G06K9/36 (Advanced/Non-invention);

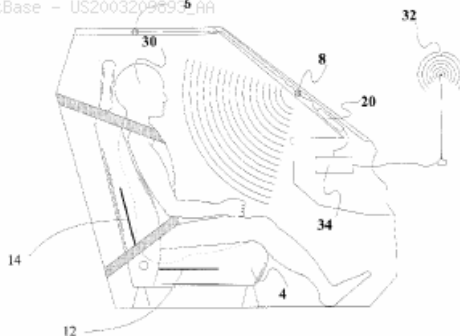
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B60R1/12 B60R21/013 B60R21/0132 B60R21/0134 B60R21/015 B60R21/16 B60R21/20 B60R21/23 B60R21/26 B60R22/00 B60R22/28 B60R22/46 G01S13/00 G06K9/36 (Core/Non-invention)

International (IPC 1-7): B60R21/32 E05F15/00 G06F17/00

CPC: B60N2002/0272 B60R21/013 B60J10/00 B60N2/002 B60N2/015 B60N2/0232 B60N2/0244 B60N2/0248 B60N2/0252 B60N2/0276 B60N2/067 B60N2/28 B60N2/2806 B60N2/2863 B60N2002/0268 B60R16/037 B60R21/0132 B60R21/0134 B60R21/0136 B60R21/203 B60R21/21656 B60R21/276 B60R22/201 B60R25/25 B60R25/252 B60R25/255 B60R25/257 B60R2001/1223 B60R2001/1253 B60R2021/0027 B60R2021/01315 B60R2021/23153 B60R2021/26094 B60R2021/2765 B60R2022/208 B60R2022/288 B60R2022/4685 B60R2022/4825 E05Y2900/55 G01S7/417 G01S7/4802 G01S7/539 G01S13/04 G01S15/04 G01S15/06 G01S15/87 G01S15/88 G01S17/88 G01S17/89 G06K9/00362 G06K9/00832 G10K2210/1282 G10K2210/3219 B60R21/01516 B60R21/01534 B60R21/01536 B60R21/01538 B60R21/01542 B60R21/01548 B60R21/01552 B60R21/01554 B60R21/0152 B60R21/0153 B60R21/01544 E05F15/43 E05F15/431 E05F2015/433 B60N2/829 B60N2/853 B60N2/888

European: B60J10/00 B60N2/00C B60N2/015 B60N2/02B4 B60N2/02B6 B60N2/02B6B B60N2/02B6C B60N2/02B6W B60N2/06S B60N2/28 B60N2/28B2 B60N2/28P4 B60N2/48C2C B60N2/48C3C B60N2/48W B60N2/66 B60Q1/14C1B B60R16/02B8 B60R16/037 B60R21/013 B60R21/0136 B60R21/015 B60R22/20 B60R25/25 B60R25/25B B60R25/25D B60R25/25F E05F15/00B6B E05F15/00B6B2 G01G19/414A G01S15/87 G01S15/88 G01S17/88 G01S7/41D G01S7/48A G01S7/539 G06K9/00H G06K9/00V7 L60N2/02B6S L60Q300/410 L60Q300/420 L60R1/12C L60R1/12G L60R21/00C L60R21/0132 L60R21/0134 L60R21/013R L60R21/015G2 L60R21/015G6 L60R21/015G6D L60R21/015G6F L60R21/015G6H L60R21/015G7 L60R21/015G8 L60R21/015G8E L60R21/015G9 L60R21/015J L60R21/01H3Y L60R21/203 L60R21/2165S



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P05F15/00B6B5R P05Y900/550 S01S13/04 S01S15/04 S01S15/06 S01S17/89 S10K210/1282 S10K210/3219
US: 280/735 280/735P 382/100 382/156 701/44 701/45 701/45S

Family:

Publication number	Publication date	Application number	Application date
US2003209893 AA	20031113	US20030413426	20030414
US7415126 BB	20080819	US20030413426	20030414

Priority:

US19920878571	19920505	US19930040978	19930331	US19940239978	19940509
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US20030413426	20030414				

Probable Assignee: AMERICAN VEHICULAR SCIENCES LLC

Assignee(s): (std): AUTOMOTIVE TECH INT ; BREED DAVID S ; DUVALL WILBUR E ; JOHNSON WENDELL C

Assignee(s): AUTOMOTIVE TECHNOLOGIES INT ; AUTOMOTIVE TECHNOLOGIES INT INC ; AUTOMOTIVE TECHNOLOGIES INTERNATIONAL INC ; AMERICAN VEHICULAR SCIENCES LLC

Inventor(s): (std): BREED DAVID S ; DUVALL WILBUR E ; JOHNSON WENDELL C ; CHEN TIE QI

Agent(s): ROFFE BRIAN; BRIAN

169) Family number: 34677388 (ES1060171Y)

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Title: CIERRE CANDADO ELECTRONICO PARA BICICLETAS, ESCUTERS, CICLOMOTORES, MOTOCICLETAS Y EN GENERAL PARA PASOS PERFORADOS DE CAJAS Y CONTENEDORES.

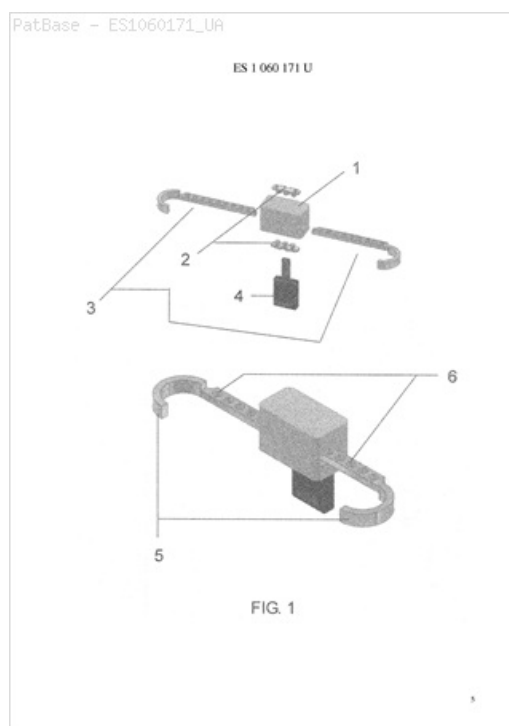
Abstract: Source: ES1060171U [ES] 1. Cierre candado para bicicletas, scooters, ciclomotores, motocicletas y en general para pasos perforados de cajas y contenedores, esta formado por un conjunto de piezas que aseguran el cierre o bloqueo de elementos de apertura u operativos para evitar que terceros los puedan abrir o manipular sin nuestro consentimiento. Asi mismo avisa en caso de violentar el sistema, mediante un sistema combinado de alarma optica, acustica y de vibracion. Su apertura como cierre, se produce mediante una llave, tarjeta o cualquier elemento codificable, pudiendo variar dicho codigo tantas veces como se desee, evitando averiguar el mismo, por medio de escanear una preinstalacion de perdida de codigo al detectar ser escaneado.

Machine translation: 1. Closing lock for bicycles, scooters, mopeds, motorcycles and in general for perforated steps of boxes and containers, is formed by a set of pieces that ensure the closing or locking of opening elements or operating to prevent third parties to open or manipulate without our consent. Likewise warns in the event of violating the system, by a combined optical, acoustic and vibration alarm. Its opening and closing, is produced by a key, card or any codifiable, varying the code element as many times as desired, avoiding find out the same, by means of a pre-code to detect loss scanner be scanned.

Classifications:

International (IPC 8-9): E05B47/00 (Advanced/Invention);
B62H5/20 (Advanced/Non-invention);
E05B47/00 (Core/Invention);
B62H5/00 (Core/Non-invention)

International (IPC 1-7): B62H5/20 E05B47/00



Family:

Publication number	Publication date	Application number	Application date
ES1060171 UA	20050801	ES20050000884U	20050415
ES1060171 Y1	20051116	ES20050000884U	20050415

Priority:

ES20050000884U 20050415

Probable Assignee:

CABRERA CASTRO FRANCISCO

Assignee(s): (std):

CABRERA CASTRO FRANCISCO

Inventor(s): (std):

CABRERA CASTRO FRANCISCO

170) Family number: 67367389 (US2017313421A)

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Title: UNMANNED AERIAL VEHICLE INCLUDING A REMOVABLE PARCEL CARRIER

Abstract: Systems and methods include UAVs that serve to assist carrier personnel by reducing the physical demands of the transportation and delivery process. A UAV generally includes a UAV chassis including an upper portion, a plurality of propulsion members configured to provide lift to the UAV chassis, and a parcel carrier configured for being selectively coupled to and removed from the UAV chassis. UAV support mechanisms are utilized to load and unload parcel carriers to the UAV chassis, and the UAV lands on and takes off from the UAV support mechanism to deliver parcels to a serviceable point. The UAV includes computing entities that interface with different systems and computing entities to send and receive various types of information.

Classifications:

International (IPC 8-9): B60P3/11 B64C25/34 B64C27/08 B64C39/02 B64D1/00 B64D1/22 B64D45/04 B64D9/00 B64F1/02 B64F1/10 B64F1/22 B64F1/32 B65G1/04 B65G1/06 E05F15/77 G01S19/42 G06Q10/08 G08G5/00 G08G5/02 H04L29/08 H04W4/70 (Advanced/Invention); B64D9/00 G06Q10/08 (Advanced/Non-invention)
CPC: B64D9/00 B64F1/22 B64C39/024 B65G1/06 B64F1/32 B64D45/04 B64C2201/128 B64C2201/108 B64C2201/18 G06Q10/0833 G08G5/025 G01S19/42 B65G1/0435 B64C2201/141 B64C2201/146 G08G5/0069 E05F15/77 B60P3/11 B64C2201/208 B64C2211/00 B64F1/02 B64F1/10 B64D1/00 G08G5/006 G06Q10/083 H04W4/70 H04L67/26 G06Q10/0832 B64D1/22 B64C2201/027 B64C2201/024
US: 1/1 244/17.23 414/343 701/16 701/3 705/332



Family:

Publication number	Publication date	Application number	Application date
CA3022379 AA	20181026	CA20173022379	20170428
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CA3022382 AA	20181026	CA20173022382	20170428
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US2017313421 AA	20171102	US20170582129	20170428
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US2017316701 AA	20171102	US20170582187	20170428
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US2018349840 AA	20181206	US20180870205	20180112
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US2019161190 AA	20190530	US20180233355	20181227
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Priority:

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US20180216782 20181211 US20180233355 20181227

Probable Assignee: UNITED PARCEL SERVICE OF AMERICA INC

Assignee(s): (std): UNITED PARCEL SERVICE AMERICA INC ; UNITED PARCEL SERVICE OF AMERICA INC

Assignee(s): COOPER ANDREW ; COOPER JEFFREY ; GIL JULIO

Inventor(s): (std): GIL JULIO ; COOPER JEFFREY ; COOPER ANDREW

Inventor(s): BRUCKNER SETH ; PEREZ JUAN

Agent(s): RIDOUT AND MAYBEE LLP; ZACCO SWEDEN AB; SHOOK HARDY AND BACON LLP; BONNER BRIAN M ET AL; SEARCY LEONARD III ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ 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 KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

171) Family number: 48165392 (US2011012731A)

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Title: WIRELESS TRACKING AND MONITORING ELECTRONIC SEAL

Abstract: An electronic security seal (e-Seal) is disclosed. The e-Seal monitors security of shipments including intermodal containers, reports tampers in real-time, monitors environmental status of goods and reports exceptions in real-time, and reports the location of the shipment with high frequency. The security monitoring complies with the ISO 17712 standard, adding electronic real-time reporting of tamper time and location and LED tamper indication. The e-Seal can be manufactured and operated at low cost due to diagnostic and logistic features. The e-Seal supports low cost upgrades due to a modular architecture allowing a plug-in update of separate functions. The e-Seal allows flexible usage across supply chain tradelanes, due to highly programmable operation including over-the-air remote programming via wireless communications. The e-Seal provides low power operation to save battery usage and lower costs.

Classifications:

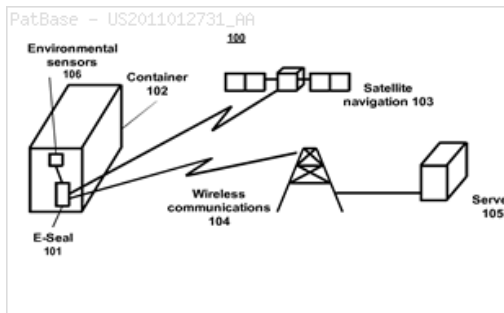
International (IPC 8-9): E05B45/00 G01S19/00 G01S5/00
G06Q10/08 G08B1/08 G08B13/02 G08B13/06

G08B13/08 (Advanced/Invention)

CPC: G08B13/02 G01S5/0027

European: G01S5/00R1A

US: 1/1 340/506 340/539.1 340/539.11 340/539.13 340/539.31
340/539.310P 340/541 340/541S 340/542 340/542S 340/545.6



Family:

Publication number	Publication date	Application number	Application date
CN102687039 A	20120919	CN201080031901	20100714
CN102687039 B	20140423	CN201080031901	20100714
DE602010014310 D1	20140424	DE201060014310T	20100714
DE602010020817 D1	20150115	DE201060020817T	20100714
EP2454609 A1	20120523	EP20100800498	20100714
EP2454609 A4	20130102	EP20100800498	20100714
EP2454609 B1	20140312	EP20100800498	20100714
EP2648144 A2	20131009	EP20130172053	20100714
EP2648144 A3	20131106	EP20130172053	20100714
EP2648144 B1	20141203	EP20130172053	20100714
ES2472448 T3	20140701	ES20100800498T	20100714
US2011012731 AA	20110120	US20090510990	20090728
US2013314233 AA	20131128	US20130872878	20130429
US8456302 BB	20130604	US20090510990	20090728
US9142107 BB	20150922	US20130872878	20130429
WO11008884 A1	20110120	WO2010US42014	20100714

Priority:

US20090225525P 20090714 US20090510990 20090728 EP20100800498 20100714
EP20130172053 20100714 WO2010US42014 20100714 US20130872878 20130429

Probable Assignee: SAVI TECHNOLOGY INC

Assignee(s): (std): DEAL MAGIC INC ; LOCKHEED CORP ; STEVENS TIMOTHY DIRK ; SAVI NETWORKS LLC ; SAVI TECHN INC

Assignee(s): SAVI TECHNOLOGY INC ALEXANDRIA ; SAVI TECHNOLOGY INC ; LOCKHEED MARTIN CORP ; DEAL MAGIC INC EDMONDS

Inventor(s): (std): STEVENS TIMOTHY DIRK ; DIRK STEVENS TIMOTHY

Inventor(s): STEVENS TIMOTHY DIRK GOLDEN

Agent(s): FISH AND RICHARDSON PC; SCHLEY JAN MALTE; LINAGE RAFAEL; FISH AND RICHARDSON P C; GOTTLIEB KIRK 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: WEIGHT MEASURING SYSTEMS AND METHODS FOR VEHICLES

Abstract: Weight sensor for determining the weight of an occupant of a seat including a bladder arranged in a seat portion of the seat and including material or structure in an interior thereof which constrains fluid flow therein and one or more transducers for measuring the pressure of the fluid in the bladder. The material or structure might be open cell foam. The bladder may include one or more chambers, and if more than one chamber is formed, each chamber can be arranged at a different location in the seat portion of the seat.

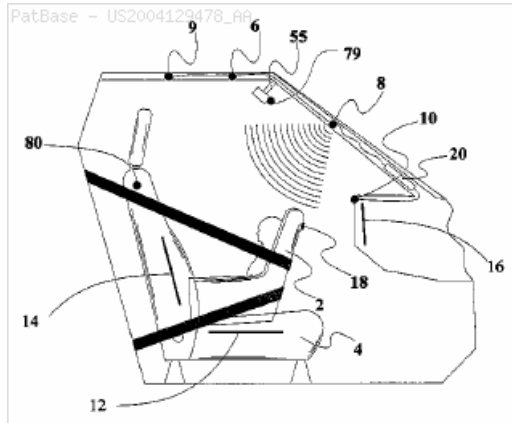
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International (IPC 1-7): B60K28/04 B60R21/32

CPC: B60N2002/0272 B60R21/013 B60N2/002 B60N2/015

B60N2/0224 B60N2/0232 B60N2/0244 B60N2/0248 B60N2/0252 B60N2/0276 B60N2/067 B60N2/2806 B60N2/2863 B60N2/66 B60N2002/0268 B60R16/037 B60R21/0132 B60R21/0134 B60R21/0136 B60R21/203 B60R21/21656 B60R21/276 B60R22/20 B60R22/201 B60R25/25 B60R25/252 B60R25/255 B60R25/257 B60R2001/1223 B60R2001/1253 B60R2021/0027 B60R2021/01315 B60R2021/23153 B60R2021/26094 B60R2021/2765 B60R2022/208 B60R2022/288 B60R2022/4685 B60R2022/4825 E05Y2900/55 G01S7/417 G01S7/4802 G01S7/539 G01S13/04 G01S15/04 G01S15/06 G01S15/42 G01S15/87 G01S15/88 G01S17/88 G01S17/89 G06K9/00369 G10K2210/1282 G10K2210/3219 B60R21/01516 B60R21/01532 B60R21/01534 B60R21/01536 B60R21/01538 B60R21/01542 B60R21/01546 B60R21/01548 B60R21/01552 B60R21/01554 B60R21/0152 B60R21/0153 B60R21/01544 E05F15/43 E05F15/431 E05F2015/433 B60N2/829 B60N2/853 B60N2/888 **European:** B60J10/00 B60N2/00C B60N2/015 B60N2/02B B60N2/02B4 B60N2/02B6 B60N2/02B6B B60N2/02B6C B60N2/02B6W B60N2/06S B60N2/28 B60N2/28B2 B60N2/28P4 B60N2/48C2C B60N2/48C3C B60N2/48W B60N2/66 B60Q1/14C1B B60R16/02B8 B60R16/037 B60R21/013 B60R21/0136 B60R21/015 B60R22/20 B60R25/25 B60R25/25B B60R25/25D B60R25/25F E05F15/00B6B E05F15/00B6B2 G01G19/414A G01S15/04 G01S15/42 G01S15/87 G01S15/88 G01S17/88 G01S7/41D G01S7/48A G01S7/539 G06K9/00H1 L60N2/02B6S L60Q300/410 L60Q300/420 L60R1/12C L60R1/12G L60R21/00C L60R21/0132 L60R21/0134 L60R21/013R L60R21/015G2 L60R21/015G6 L60R21/015G6B L60R21/015G6D L60R21/015G6F L60R21/015G6H L60R21/015G7 L60R21/015G8 L60R21/015G8C L60R21/015G8E L60R21/01569 L60R21/015J L60R21/01H3Y L60R21/203 L60R21/2165S L60R21/231M L60R21/26V L60R21/276 L60R21/276L L60R22/20B L60R22/20R L60R22/28L L60R22/46L L60R22/48B2 P05F15/00B6B5R P05Y900/550 S01S13/04 S01S15/04 S01S15/06 S01S15/88 S01S17/89 S10K210/1282 S10K210/3219 **US:** 180/273 180/274 280/735 280/735S 701/45



Family:

Publication number	Publication date	Application number	Application date
US2004129478 AA	20040708	US20030733957	20031211

Priority:

US19920878571	19920505	US19930040978	19930331	US19940239978	19940509
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US20030733957	20031211				

Probable Assignee: AMERICAN VEHICULAR SCIENCES LLC

Assignee(s): (std): BREED DAVID S ; DUVALL WILBUR E ; JOHNSON WENDELL C

Assignee(s): AMERICAN VEHICULAR SCIENCES LLC ; AUTOMOTIVE TECHNOLOGIES INT ; AUTOMOTIVE TECHNOLOGIES INT INC

Inventor(s): (std): BREED DAVID S ; DUVALL WILBUR E ; JOHNSON WENDELL C

Title: CODE-ACTIVATED LOCK SYSTEM AND METHODS OPERATIVE IN CONJUNCTION THEREWITH

Abstract: The present disclosure provides an access-code-activated locking system for at least one asset/s comprising, for each asset, a pre-programmed apparatus which uses at least one processor to trigger imposed advancement at predefined intervals, to predetermined imposed positions in a sequence of expected access codes and a lock which unlocks and provides access to at least one asset responsive to recognition of an access code presented by an access seeker. The disclosure further provides a locking method and a computer program product.

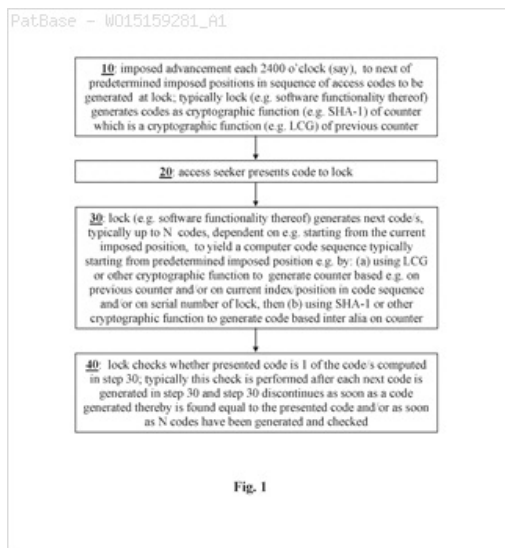
Classifications:

International (IPC 8-9): E05B49/00 G07C

G07C9/00 (Advanced/Invention);

G07C (Subclass/Invention)

CPC: G07C9/00182 G07C9/0069 G07C2009/0023 G07C2009/00253



Family:

Publication number	Publication date	Application number	Application date
EP3132425 A1	20170222	EP20150779534	20150412
EP3132425 A4	20171213	EP20150779534	20150412
IL232091 A0	20140831	IL20140232091	20140413
WO15159281 A1	20151022	WO2015150384	20150412

Priority:

IL20140232091 20140413 WO2015150384 20150412

Probable Assignee: KNOCK N LOCK LTD

Assignee(s): (std): KNOCK N LOCK LTD

Assignee(s): KNOCK N LOCK LTD

Inventor(s): (std): HAREL BOAZ ; GOLDMAN ILAN

Agent(s): SEVINC ERKAN; SOKOL EDITH

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

174) Family number: 4407400 (US4982985A)

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Title: BOLT TYPE SEAL WITH FIBER OPTIC SEAL

Abstract: The present invention provides a heavy duty seal for hasps and latches in combination with a light duty tamper-indicating seal, which extends through the heavy duty seal for indicating tampering or breaking of the heavy duty seal. A sheathed bundle of optical fibers extends through aligned bores in parts of a heavy duty bolt type seal. End portions of the bundle are locked in a locking block and terminal ends of the fibers are exposed in surfaces of the block for observation and indications of light transmittal.

Classifications:

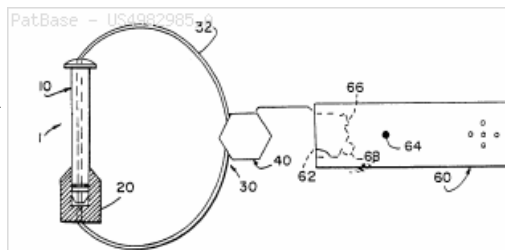
International (IPC 8-9): E05B45/00 G09F3/03 (Advanced/Invention); E05B45/00 G09F3/03 (Core/Invention)

International (IPC 1-7): E05B39/02 E05B41/00

CPC: E05B45/005 G09F3/0376 Y10T70/8243 Y10T292/48 Y10T292/51

European: E05B45/00C G09F3/03B

US: 292/307R 292/327 411/395 70/440



Family:

Publication number	Publication date	Application number	Application date
US4982985 A	19910108	US19890319336	19890306

Priority:

US19890319336 19890306

Probable Assignee: BROOKS CO E J

Assignee(s): (std): BROOKS CO E J

Assignee(s): E J BROOKS COMPANY ; E J BROOKS CO ; E J BROOKS CO 164 NORTH 13TH STREET NEWARK NJ 07107

Inventor(s): (std): ATLAS RICHARD I

175) Family number: 33357402 (US2005017488A)

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Title: WEIGHT MEASURING SYSTEMS AND METHODS FOR VEHICLES

Abstract: Weight sensor for determining the weight of an occupant of a seat including a bladder arranged in a seat portion of the seat and including material or structure in an interior thereof which constrains fluid flow therein and one or more transducers for measuring the pressure of the fluid in the bladder. The material or structure might be open cell foam. The bladder may include one or more chambers, and if more than one chamber is formed, each chamber can be arranged at a different location in the seat portion of the seat.

Classifications:

International (IPC 8-9): B60J10/00 B60K28/10 B60N2/00 B60N2/015 B60N2/02 B60N2/06 B60N2/28 B60N2/48 B60N2/66 B60Q1/14 B60R16/02 B60R16/037 B60R21/01 B60R22/20 E05F15/00 G01F23/00 G01F23/20 G01F23/296 G01G19/414 G01S15/04 G01S15/42 G01S15/87 G01S15/88 G01S17/88 G01S7/41 G01S7/48 G01S7/539 G06K9/00 (Advanced/Invention); B60R1/12 B60R21/013 B60R21/0132 B60R21/0134 B60R21/015 B60R21/16 B60R21/20 B60R21/203 B60R21/215 B60R21/231 B60R21/26 B60R21/276 B60R22/28 B60R22/46 B60R22/48 G01S13/04 G01S15/06 G01S17/89 (Advanced/Non-invention); B60J10/00 B60K28/10 B60N2/00 B60N2/005 B60N2/02 B60N2/06 B60N2/26 B60N2/48 B60N2/64 B60Q1/14 B60R16/02 B60R16/037 B60R21/01 B60R22/18 E05F15/00 G01F23/00 G01F23/296 G01G19/40 G01S15/00 G01S17/00 G01S7/02 G01S7/48 G01S7/539 G06K9/00 (Core/Invention); B60R1/12 B60R21/013 B60R21/0132 B60R21/0134 B60R21/015 B60R21/16 B60R21/20 B60R21/23 B60R21/26 B60R22/00 B60R22/28 B60R22/46 G01S13/00 (Core/Non-invention)

International (IPC 1-7): B60R21/32

CPC: B60N2002/0272 B60R21/013 B60N2/002 B60N2/015 B60N2/0224 B60N2/0232 B60N2/0244 B60N2/0248 B60N2/0252 B60N2/0276 B60N2/067 B60N2/28 B60N2/2806 B60N2/2863 B60N2/66 B60N2002/0268 B60R16/037 B60R21/0132 B60R21/0134 B60R21/0136 B60R21/203 B60R21/21656 B60R21/276 B60R22/20 B60R22/201 B60R25/25 B60R25/252 B60R25/255 B60R25/257 B60R2001/1223 B60R2001/1253 B60R2021/0027 B60R2021/01315 B60R2021/23153 B60R2021/26094 B60R2021/2765 B60R2022/208 B60R2022/288 B60R2022/4685 B60R2022/4825 E05Y2900/55 G01S7/417 G01S7/4802 G01S7/539 G01S13/04 G01S15/04 G01S15/06 G01S15/42 G01S15/87 G01S15/88 G01S17/88 G01S17/89 G06K9/00369 G10K2210/1282 G10K2210/3219 B60R21/01516 B60R21/01532 B60R21/01534 B60R21/01536 B60R21/01538 B60R21/01542 B60R21/01546 B60R21/01548 B60R21/01552 B60R21/01554 B60R21/0152 B60R21/0153 B60R21/01544 E05F15/43 E05F15/431 E05F2015/433 B60N2/829 B60N2/853 B60N2/888

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US: 180/173 180/274 180/45 180/47 280/735 280/735P

Family:

Publication number	Publication date	Application number	Application date
US2005017488 AA	20050127	US20040895121	20040721
US7407029 BB	20080805	US20040895121	20040721

Priority:

US19920878517 19920505	US19920878571 19920505	US19930040978 19930331
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Probable Assignee: AMERICAN VEHICULAR SCIENCES LLC

Assignee(s): (std): AUTOMOTIVE TECH INT ; BREED DAVID S ; DUVALL WILBUR E ; JOHNSON WENDELL C

Assignee(s): AUTOMOTIVE TECHNOLOGIES INT ; AUTOMOTIVE TECHNOLOGIES INT INC ; AUTOMOTIVE TECHNOLOGIES INTERNATIONAL INC ; AMERICAN VEHICULAR SCIENCES LLC

Inventor(s): (std): BREED DAVID S ; DUVALL WILBUR E ; JOHNSON WENDELL C ; MORIN JEFFREY L

Inventor(s): DUVALL WILBUR ; JOHNSON WENDELL ; BREED DAVID

Agent(s): BRIAN ROFFE ESQ; ROFFE BRIAN; BRIAN

176) Family number: 30314408 (US2006139147A)

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Title: PORTABLE SECURITY CONTAINER

Abstract: A process and security container that enable local protection and remote transportation of items found with the environment of a contemporary office, while generating a log of users who have gained access to the container. e container may be constructed with one or more sidewalls bearing a removable lid. The container may have a closed interior while the lid is in complete engagement with the sidewalls, and have an open interior able to removably receive items within the interior while the lid is dislodged from its complete engagement. A port is exposed through one of said sidewalls to receive data signals and a control stage with a non-volatile memory, is mounted within the container and operationally coupled to a host computer to provide communication with the interior of the container via the port. A microprocessor based host computer sited externally to the container, has a keyboard initiating formation of the data signals and a monitor driven by

the host computer to visually display video images. The host computer is operationally coupled to the port to participate in the communication by generating the data signals. The controller may generate a control signal and allow access to the interior of the container in response to occurrence of a coincidence between a data key received from the host computer among the data signals via the port and a data sequence obtained by the control stage in dependence upon information stored within the memory.

Classifications:

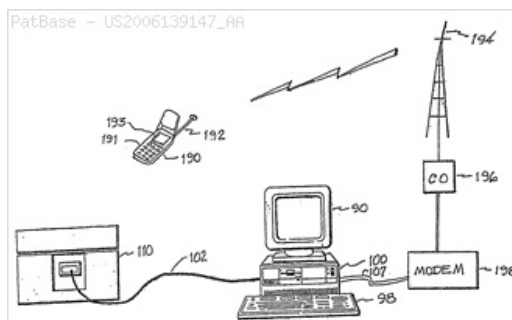
International (IPC 8-9): E05G1/00 E05G1/10 G05B19/00 G06F7/04 G08B13/22 H05K5/00 (Advanced/Invention);
E05G1/00 G05B19/00 (Core/Invention)

International (IPC 1-7): E05G1/00 E05G1/10

CPC: G07C9/00896 E05G1/005 E05G1/10 G07C2009/00761 G07C2009/00769 G07C2009/0092 G07C2209/63 G07D11/12

European: E05G1/00C E05G1/10 G07C9/00E20 S07C209/63 S07C9/00E14B S07C9/00E14C S07C9/00E20D

US: 340/5.64 340/5.640S 340/5.7 340/5.700S 340/5.72 340/5.720P 340/541 340/541P 361/679.58 361/679.580S



Family:

Publication number	Publication date	Application number	Application date
AU2003250228 AA	20040303	AU20030250228	20030812
DE60246922 D1	20150305	DE20026046922	20020813
EP1391579 A1	20040225	EP20020018080	20020813
EP1391579 B1	20150121	EP20020018080	20020813
US2006139147 AA	20060629	US20030524416	20030812
US2011187530 AA	20110804	US20100848724	20100802
US8749382 BB	20140610	US20100848724	20100802
WO04016896 A1	20040226	WO2003EP08937	20030812

Priority:

EP20020018080 20020813 US20030524416 20030812 WO2003EP08937 20030812
US20060524416 20060109 US20100848724 20100802

Probable Assignee: MYSPACE LLC

Assignee(s): (std): CARGOGUARD GMBH ; HYATT RICHARD G ; LEICHER PETER ; MYSPACE LLC ; MYSPACE LLP ; STERZINGER HERMANN ; STERZINGER HERMANN DR

Inventor(s): (std): HYATT RICHARD G ; LEICHER PETER ; STERZINGER HERMANN DR ; STERZINGER HERMANN

Inventor(s): RICHARD G HYATT ; HERMANN DR STERZINGER ; HYATT RICHARD ; PETER LEICHER ; HYATT RICHARD G SHAWSVILLE

Agent(s): TER MEER STEINMEISTER AND PARTNER PATENTANWALTE MBB ; TER MEER STEINMEISTER AND PARTNER ; BAKER AND HOSTETLER LLP

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 SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

177) Family number: 26197409 (WO03001462A1)

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Title: TRANSPORT CONTAINER COMPRISING AN ELECTRONIC TRANSPORT SECURITY MECHANISM FOR CASH AND VALUABLES

Abstract: The transport of money and valuables using a "cash case" is currently protected by alarm systems, which respond by emitting smoke and an audible alarm if snatched by criminals. The construction and handling of said security systems, in particular the required setting and deactivation of the alarm system in respective secure rooms, currently limit the use of said systems to professional transport companies for money and valuables. In medium size companies in particular, the daily business takings are transported to the night-safe of the company's bank in a strongbox or Safe-Bag3 by unprotected company personnel acting as security guards, as professional transport companies would prove too expensive for the company and known systems are impractical for security guards of a retail business because of the required deactivation in secure locations (unprotected public deposit opening of the bank night-safe). Said security guards are frequently the victims of a robbery as a result of being easy targets and the low risk involved. The invention relates to a transport container for cash and valuables, which is protected by an alarm system and enables strongboxes or valuables protected by said alarm system to be transported to a night-safe or bank by security guards, whereby the deactivation of the alarm system and the emptying of the container can take place at a non-secure location (deposit opening of the bank night-safe in a public place). The transport container is characterised by a fully or partially automated alarm deactivation and emptying mechanism at the destination, a shape adaptation of said container enabling it to be placed against or inserted into the deposit opening of the night-safe in order to adapt transport valuables directly to be placed against without leaving them unprotected at the non-secure destination for any length of time. The advantages of using said container are that the transport is secure, theft is made more difficult, the security guard is protected, the prerequisite for adequate protection of the security guard and the valuables for insurance purposes is fulfilled and last but not least commercial savings are made for the company.

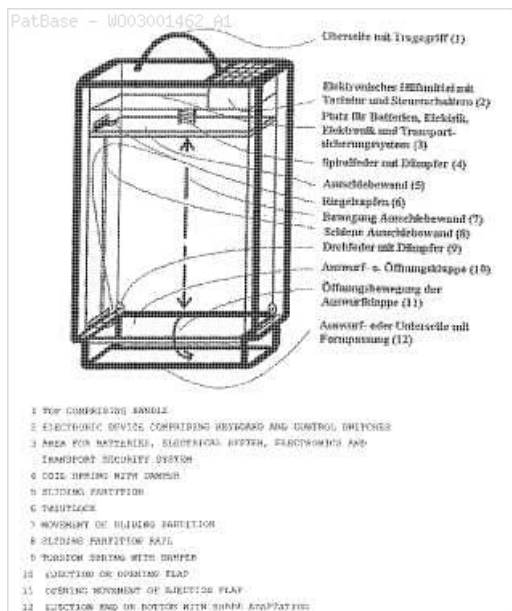
Classifications:

International (IPC 8-9): E05G1/00 G07F9/06 (Advanced/Invention);
E05G1/10 E05G1/14 E05G7/00 (Advanced/Non-invention);
E05G1/00 G07F9/06 (Core/Invention);
E05G7/00 (Core/Non-invention)

International (IPC 1-7): E05G1/00 E05G1/10 G07D11/00

CPC: E05G1/005 E05G1/10 E05G1/14 E05G7/001 G07F9/06

European: E05G1/00C G07F9/06 P05G1/10 P05G1/14 P05G7/00B



Family:

Publication number	Publication date	Application number	Application date
DE10127691 A1	20030102	DE20011027691	20010608
DE10127691 C2	20030626	DE20011027691	20010608
WO03001462 A1	20030103	WO2002EP06092	20020604

Priority:

DE20011027691 20010608

Probable Assignee: SCHMIDT MARTIN

Assignee(s): (std): SCHMIDT MARTIN

Inventor(s): (std): SCHMIDT MARTIN

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 LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW

178) Family number: 49250411 (US2011175730A)

© PatBase

Title: ALARM-TRIGGERED GUN SAFE

Abstract: An electronically-operated gun safe or other lockable container is communicatively connected to an alarm system or one or more alarm system elements. When the alarm or the alarm system elements is/are triggered, a signal is received by the gun safe, which then unlocks the door to the gun safe to allow access to the contents of the gun safe, or takes other action to facilitate easier access to the contents of the gun safe.

Classifications:

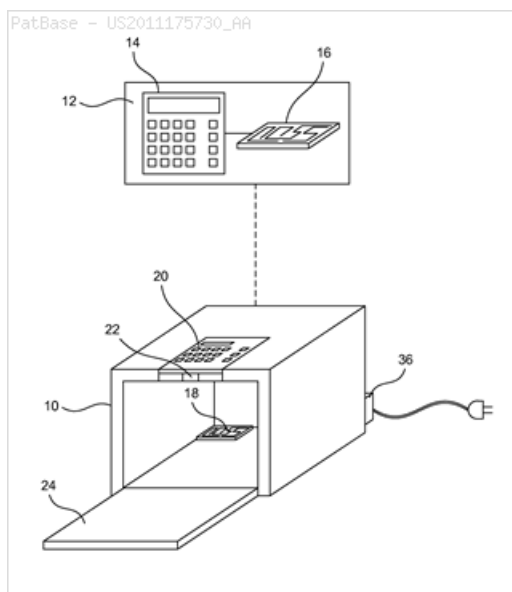
International (IPC 8-9): E05B47/00 E05B63/00 E05G1/04 E05G1/10 G07C9/00 G08B21/00 (Advanced/Invention);

E05B65/00 G06F7/04 G07C9/00 (Advanced/Non-invention)

CPC: E05B47/00 E05B63/0065 E05B65/0075 G07C9/00142 G07C9/00158 G07C9/00182 G07C9/00912 E05G1/10 E05G1/04

European: E05B47/00 E05B63/00T E05G1/04 P05B65/00S S07C9/00E20C

US: 1/1 340/5.73 340/5.730S 340/540 340/540P 340/568.6



Family:

Publication number	Publication date	Application number	Application date
US2011175730 AA	20110721	US20110987685	20110110
US2016194913 AA	20160707	US20160070871	20160315
US9316039 BB	20160419	US20110987685	20110110
US10132113 BB	20181120	US20160070871	20160315

Priority:

US20100296969P 20100121

US20110987685 20110110

US20160070871 20160315

Probable Assignee:

ROCKWELL PROTECTION LLC

Assignee(s): (std):

ROCKWELL PROT LLC ; STEVENSON RYAN A

Assignee(s):

ROCKWELL PROTECTION LLC

Inventor(s): (std):

STEVENSON RYAN A

Agent(s):

KELLER JOLLEY PREECE

179) Family number: 55757416 (EP2696015A1)

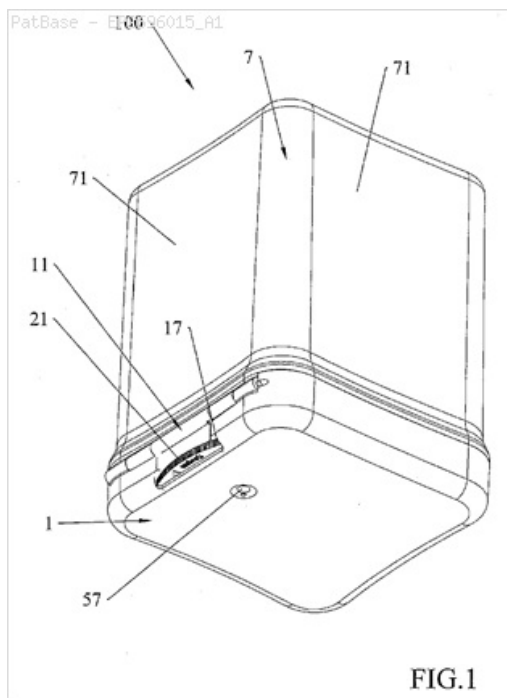
© PatBase

Title: ANTI-THEFT CONTAINER. RECIPIENT ANTIVOL

Abstract: An anti-theft container (100) is described, comprising a case (7) hinged to a base body (1) and movable relative thereto between an open position and a closed position, and a clamping device (200) mounted in said base body (1). Said clamping device (200) comprises a rotating element (2) adapted to move locking means (3) with a linear translational motion by cam means (22, 31), (Figure 1).

Classifications:**International (IPC 8-9):** E05B73/00 (Advanced/Invention);

E05B65/00 E05C9/06 (Advanced/Non-invention)

CPC: E05B73/0023 E05B65/006 E05C9/06**FIG.1****Family:**

Publication number	Publication date	Application number	Application date
EP2696015 A1	20140212	EP20130178963	20130801
ITMI20121410 A1	20140209	IT2012MI01410	20120808

Priority:

IT2012MI01410 20120808

Probable Assignee: LASTRUCCI FEDERICO**Assignee(s):** (std): LASTRUCCI FEDERICO**Inventor(s):** (std): LASTRUCCI FEDERICO**Agent(s):** MITTLER ENRICO**Designated states:** AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR**180) Family number: 105426 (LU60391A)**

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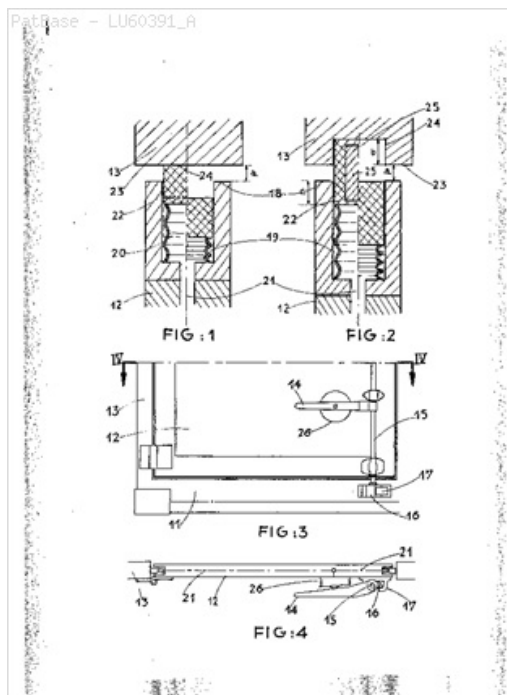
Title: DISPOSITIF DE FERMETURE A JOINTS GONFLABLES POUR PANNEAUX OUVRANTS

Abstract: Source: LU60391A [FR] [Source: Claim 1] 1) Dispositif de formaturo a joint gonflable pour panneaux ouvrants, com- portant, une enveloppe allongee deformable, fixee dans le fond d'une rainure menagee le long du bord lateral du panneau et s'appliquant, par gonflement, contre une. face de contact de l'encadrement du panneau, placee on face de la rainure, ou reciproque- ment, un systeme de gonflement de 11 enveloppe et un systeme de blocage du panneau, caracterise par le fait que 1s enveloppe est munie d'un patin exterieur d'application contre la face de contact de l'encadrement, ledit patin exterieur ayant une epaisseur superieure a l'intervalle existant entre le bord lateral du panneau et la face de contact, lorsque le panneau est ferme.

Machine translation: [Source: Claim 1] 1) do formaturo device has inflatable seal for opening panels, com- carrying an envelope elongated deformable, fixed in the bottom of a groove formed along the lateral edge of the panel and applying by swelling, against one. face do do 1'encadrement touch panel, PLACED we do face the groove, or reciprocally, a system do swelling of casing 11 and a panel locking system, characterized in that 1 ss envelope is provided with a outer pad application against the contact face of 1'encadrement, said external pad having a thickness greater than the gap between the lateral edge of the panel and the contact face, when the panel is closed.

Classifications:**International (IPC 8-9):** E06B7/18 E06B7/23 (Advanced/Invention);

E06B7/18 E06B7/22 (Core/Invention)
International (IPC 1-7): B60J5/00 E05C21/00 E06B7/00 E06B7/18
E06B7/22 E06B7/23
CPC: E06B7/18 E06B7/2318
European: E06B7/18 E06B7/23E



Family:

Publication number	Publication date	Application number	Application date
BE744785 A	19700701		00000000
BE744785 A1	19700701	BE19700744785	19700122
DE2004805 A1	19701001	DE19702004805	19700203
FR2038440 A5	19710108	FR19690006504	19690307
LU60391 A	19700423		19700223
NL7002763 A	19700909	NL19700002763	19700226

Priority:

FR19690006504 19690307

Probable Assignee: VENISSIEUX ATEL

Assignee(s): (std): VENISSIEUX ATEL

Assignee(s): VENISSIEUX ATELIERS ; NOUVELLE DES ATELIERS DE VENISSIEUX VENISSIEUX RHONE FRANCE SOC ; SOCIETE NOUVELLE DES ATELIERS DE VENISSIEUX VENISSIEUX RHONE FRANCE

181) Family number: 32566429 (US2006015233A)

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Title: WIRELESSLY ENABLED TRAILER LOCKING/UNLOCKING

Abstract: A method and system for providing improved handling of tractors and trailers)pr any powered vehicle and storage devices towed thereby) with a staging area. One invention relates to the provision of automatic locking or unlocking of a trailer door when the trailer leaves or enters the hub, respectively. A RFID signal strength evaluation scheme is also provided, which monitors successful RFID-to-antennae communications under various weather conditions, in order to determine an optimum read process. Under another embodiment, Geofencing and/or Wi-Fi can be used to trigger various events.

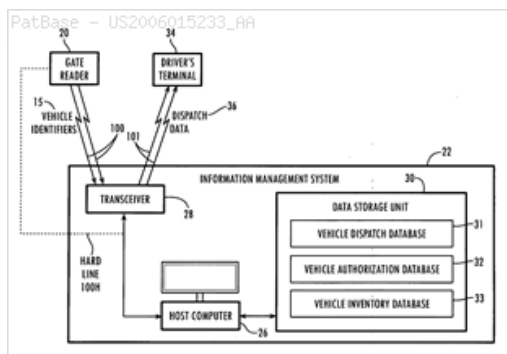
Classifications:

International (IPC 8-9): E05B65/12 G01V15/00 G06F19/00 G06F7/70
G06K19/07 G06K19/077 G07C9/00 (Advanced/Invention);
E05B65/12 G01V15/00 G06F19/00 G06F7/60 G06K19/07
G06K19/077 G07C9/00 (Core/Invention)

CPC: Y10T70/5973 G01V15/00 G07C9/00103 G07C9/00111

European: G01V15/00 G07C9/00B10 G07C9/00B8

US: 70/256 701/2 701/300 701/36 701/50 701/51



Family:

Publication number	Publication date	Application number	Application date
US2006015233 AA	20060119	US20040891414	20040714
US2008184751 AA	20080807	US20080055940	20080326
US7379805 BB	20080527	US20040891414	20040714
US7519463 BB	20090414	US20080055940	20080326
WO06019753 A1	20060223	WO2005US24743	20050712

Priority:

US20040891414 20040714

US20080055940 20080326

Probable Assignee: UNITED PARCEL SERVICE OF AMERICA INC
Assignee(s): (std): UNITED PARCEL SERVICE INC
Assignee(s): UNITED PARCEL SERVICE OF AMERICA INC
Inventor(s): (std): BRADLEY DAVID L ; OLSEN III JOHN A ; OLSEN JOHN A ; OLSEN JOHN A III
Inventor(s): OLSEN JOHN AIII ; OLSEN JOHN ; BRADLEY DAVID
Agent(s): ALSTON AND BIRD LLP, BANK OF AMERICA PLAZA; ALSTON AND BIRD LLP BANK OF AMERICA PLAZA; ALSTON AND BIRD LLP
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV 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

182) Family number: 1431432 (US4370006A)

© PatBase

Title: BANKING MEDIA SECURITY MECHANISM FOR AUTOMATIC BANKING MACHINES

Abstract: An automatic banking or teller machine (ATM) having a plurality of diverse-function, sealed, tamper-indicating containers which are in locked condition when loaded therein including a depository container, a divert container and one or more note containers. The containers while being loaded into the ATM have doors for access openings opened to provide ATM operative status with the containers locked to the ATM. Interlocks are provided between the containers, container locks and the ATM so as to require a predetermined sequence of assembly or disassembly operations to be carried out in assembling or disassembling the containers, without variation or omission.

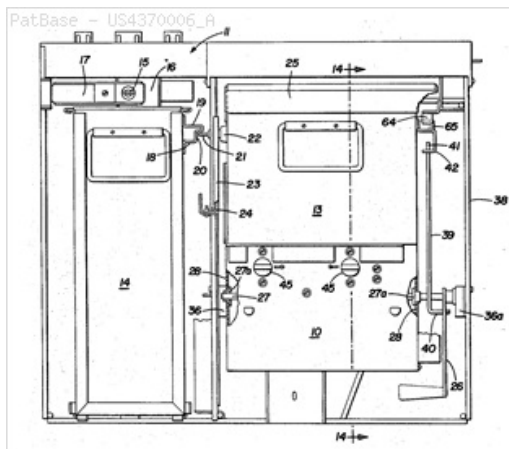
Classifications:

International (IPC 8-9): E05G1/00 E05G5/00 G06Q40/00 G07D1/00 G07D11/00 G07D9/00 (Advanced/Invention); G06Q40/00 G07D1/00 G07D9/00 (Advanced/Non-invention); D06B5/00 G06Q40/00 G07D1/00 G07D11/00 G07D9/00 (Core/Invention)

International (IPC 1-7): B65H7/12 D06B5/12 E05B65/04 E05F5/0 E05F5/00 E05G1/00 E05G1/04 E05G5/00 G06F15/30 G07D1/00 G07D9/00 G07F7/00 G07F7/08 G07F9/06 G07G1/00 G07G5/00
CPC: G07D11/125

European: D06B5/16 D06B5/26 G07D11/00D2B

US: 232/15 312/215 902/13 902/9



Family:

Publication number	Publication date	Application number	Application date
AU198173944 A1	19820422	AU19810073944	19810810
AU540165 B2	19841101	AU19810073944	19810810
BE890565 A	19820118	BE19810206121	19810930
BR8106309 A	19820622	BR19810006309	19810930
CA1166521 A1	19840501	CA19810383923	19810814
CH644961 A	19840831	CH19810006366	19811002
DE3138732 A1	19820422	DE19813138732	19810929
DE3138732 C2	19850613	DE19813138732	19810929
ES504743 A0	19820516	ES19810504743	19810813
ES8204495 A1	19820516	ES19810504743	19810813
FR2491656 A1	19820409	FR19810018550	19811001
FR2491656 B1	19841207	FR19810018550	19811001
GB2088470 A1	19820609	GB19810029863	19811002
GB2088470 B2	19841121	GB19810029863	19811002
IT1138516 A	19860917	IT19810023666	19810827
IT8123666 A0	19810827	IT19810023666	19810827
JP2052318 B4	19901113	JP19810145629	19810917
JP57085173 A2	19820527	JP19810145629	19810917
NL8103992 A	19820503	NL19810003992	19810827
SE459532 B	19890710	SE19810005203	19810902
SE459532 C	19891102	SE19810005203	19810902
SE8105203 A	19820404	SE19810005203	19810902
SE8105203 L	19820404	SE19810005203	19810902
US4370006 A	19830125	US19800193847	19801003

Priority:

US19800193847 19801003 CA19810383923 19810814

Probable Assignee: DIEBOLD INC

Assignee(s): (std): DIEBOLD INC

Assignee(s): DIEBOLD INC CANTON OHIO US ; DIEBOLD INC TE CANTON OHIO VER ST V AM ; DIEBOLD INC TE CANTON OHIO VERSTVAM ; DIEBOLD INCORPORATED ; DIEBOLD INCORPORATED TE CANTON OHIO VER ST V AM ; GRAEF HARRY T ; HILL JEFFREY A ; MERCER SCOTT A ; LEONTAS SPIRO ; SCHOLL AKTIENGESellschaft

Inventor(s): (std): GRAEF H T ; GRAEF HARRY T ; GRAEF HARRY THOMAS ; HARII TEII GUREIFU ; HARRY T GRAEF ; HILL J A ; HILL JEFFREY A ; HILL JEFFREY ALLEN ; JEFFREY A HILL ; JEFURII EI HIRU ; JIEFURII EI HIRU ; LEONTAS S ; LEONTAS SPIRO ; MERCER S A ; MERCER SCOTT A ; MERCER SCOTT ALLEN ; SPIRO LEONTAS ; SUKOTSUTO EI MAASAA ; SUPAIRO RIIONTASU ; SUPAIROU RIIONTASU ; SCOTT A

MERCER

Inventor(s): SCOTT ALLEN MERCER ; THOMAS GRAEF HARRY ; MERCER SCOTT ALLEN HANOVERTON OHIO US ; S A MERCER ; S LEONTAS ; LEONTAS SPIRO HESPERIA CA ; LEONTAS SPIRO HESPERIA CA US ; JEFFREY ALLEN HILL ; ALLEN HILL JEFFREY ; ALLEN MERCER SCOTT ; HILL JEFFREY ALLEN NORTH CANTON OHIO US ; J A HILL ; HARRY T GRAEF SCOTT A MERCER JEFFREY A HILL ET SPI ; HARRY T GRAEF SCOTT A MERCER JEFFREY A HILL ET SPIRO LEONTAS ; HARRY T GRAEF SCOTT A MERCER JEFFREY A HILL ET... ; HARRY THOMAS GRAEF ; GRAEF HARRY THOMAS MASSILLON OHIO US ; H T GRAEF

Agent(s): MACRAE AND CO

183) Family number: 32305432 (BE1015857A)

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Title: ELECTRIC LOCK FOR GATES, HAS MOTOR CONNECTED VIA WORM TRANSMISSION TO WORM WHEEL IN CONTACT WITH SOLENOID

Abstract: The lock is operated by an electric motor (1) which is connected via a worm transmission (5) to a worm wheel (3). A solenoid (2) is in contact with the worm wheel and worm.

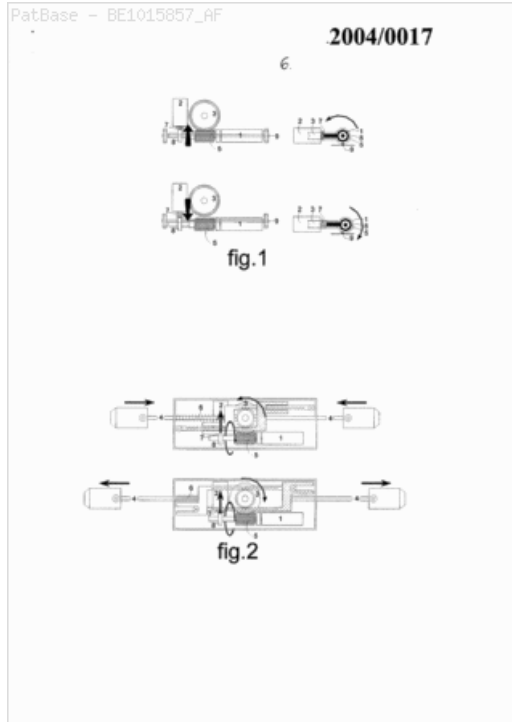
Classifications:

International (IPC 8-9): E05B47/00 E05B47/06 (Advanced/Invention);
E05B63/00 (Advanced/Non-invention);
E05B47/00 E05B47/06 (Core/Invention);
E05B63/00 (Core/Non-invention)

International (IPC 1-7): E05B47/00

CPC: E05B47/0002 E05B47/0004 E05B47/0012 E05B47/0603
E05B63/0069 E05B2047/002 E05B2047/0026 E05B2047/0028

European: E05B47/00A1 E05B47/00A4 E05B47/06 E05B47/06A
P05B47/00A1B1 P05B47/00A4 P05B47/00A5D1 P05B47/00A5D7
P05B47/00A5D7B P05B63/00T2



Family:

Publication number	Publication date	Application number	Application date
BE1015857 AF	20051004	BE20040000017	20040112

Priority:

BE20040000017 20040112

Probable Assignee: BOUTELEGIER ROEL

Assignee(s): (std): BOUTELEGIER ROEL

Inventor(s): (std): BOUTELEGIER ROEL

184) Family number: 31369435 (DE10319185B4)

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Title: Elektromechanisches Beschlagschloss

Abstract: Source: DE10319185B4 [DE] Elektromechanisches Beschlagschloss zur Ver- und Entriegelung von Zugangselementen (6) von Räumen oder Behältnissen, mit der Möglichkeit einer Zutrittskontrolle, beinhaltend eine äussere Handhabe (3), die mit einer drehbar gelagerten Stange (4) drehfest verbunden ist, die wiederum mit einer Blockierscheibe (25) drehfest verbunden ist, welche durch ein elektromechanisch angetriebenes Sperrelement in ihrer Drehbewegung verriegelbar und entriegelbar ist, wobei die Blockierscheibe (25) mit einem quer verlaufenden Blockierbalken (24) drehfest verbunden ist, welcher mit dem als schwenkbaren Kippriegel (16) ausgebildeten Sperrelement zur Ver- und Entriegelung der Drehbewegung (50) der ueber die äussere Handhabe (3) drehbaren Blockierscheibe (25) zusammen wirkt, und wobei der Kippriegel (16) den Blockierbalken (24) an zwei von einander entfernten Stellen in Verriegelungs-Stellung in seiner Drehbewegung (50) verriegelt, dadurch gekennzeichnet, dass der Kippriegel (16) als zweiarmiger Hebel ausgebildet ist, wobei der obere Hebelteil aus zwei Hebelarmen besteht, die jeweils mittels Sperrausnehmungen (44) den Blockierbalken (24) untergreifen.

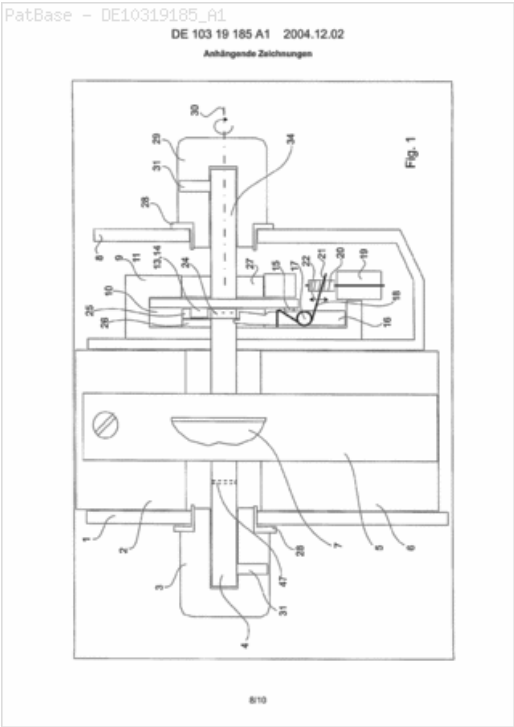
Classifications:

International (IPC 8-9): E05B47/00 E05B47/06 (Advanced/Invention);
E05B47/00 E05B63/04 (Advanced/Non-invention);
E05B47/06 (Core/Invention);
E05B47/00 E05B63/00 (Core/Non-invention)

International (IPC 1-7): E05B47/00

CPC: E05B47/0012 E05B47/0661 E05B63/04 E05B2047/0015
E05B2047/0031

European: E05B47/06D E05B47/06D2 P05B47/00A4 P05B47/00A5C



Family:

Publication number	Publication date	Application number	Application date
DE10319185 A1	20041202	DE20031019185	20030429
DE10319185 B4	20150513	DE20031019185	20030429

Priority:

DE20031019185 20030429

Probable Assignee: GANTNER ELECTRONIC GMBH SCHRUN

Assignee(s): (std): GANTNER ELECTRONIC GMBH ; GANTNER ELECTRONIC GMBH SCHRUN

Assignee(s): GANTNER ELECTRONIC GMBH SCHRUNS

Inventor(s): (std): FALCH MANFRED

185) Family number: 41513436 (US2008041123A)

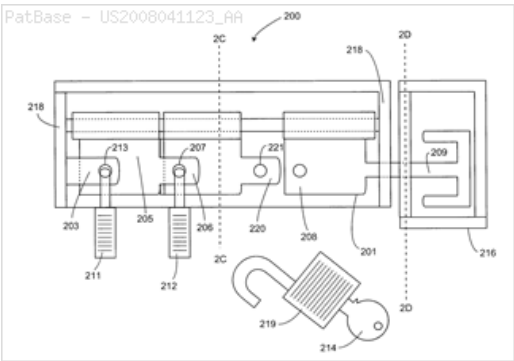
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Title: STATION FOR ALTERNATE LOCKS

Abstract: This invention provides locking devices that can be opened by alternate users with different keys. The devices generally include a lock slider anchored to an anchor tab through one or more link sliders. The sliders can be slidably mounted to a slide mount, such as, e.g., a slide shaft or slide slit in a housing. When the anchor tab, link slider and lock slider are all shackled together with, e.g., two or more padlocks, the lock bolt of the lock slider is substantially immobilized with the device in a locked configuration. When one or more of the shackles is removed, the lock slider is free to moved to an unlocked position along the slide mount.

Classifications:

International (IPC 8-9): E05B35/08 E05B65/06
E05B67/06 (Advanced/Invention);
E05B35/00 E05B65/06 E05B67/00 (Core/Invention)
CPC: Y10S70/63 Y10T70/413 Y10T70/5319 Y10T292/1025
E05B67/383 E05B73/0005
European: E05B67/38B E05B73/00A
US: 292/148 70/129 70/20 70/DIG.63



Family:

Publication number	Publication date	Application number	Application date
US2008041123 AA	20080221	US20070729424	20070327
US7690229 BB	20100406	US20070729424	20070327

Priority:

US20060791978P 20060414 US20070729424 20070327

Probable Assignee: MCKEE WINSTON LEE

Assignee(s): (std): MCKEE WINSTON L ; MCKEE WINSTON LEE

Inventor(s): (std): MCKEE WINSTON L ; MCKEE WINSTON LEE

Inventor(s): MCKEE WINSTON

Agent(s): QUINE INTELLECTUAL PROPERTY LAW GROUP PC; QUINE INTELLECTUAL PROPERTY LAW GROUP;

186) Family number: 65321436 (WO17055596A1)

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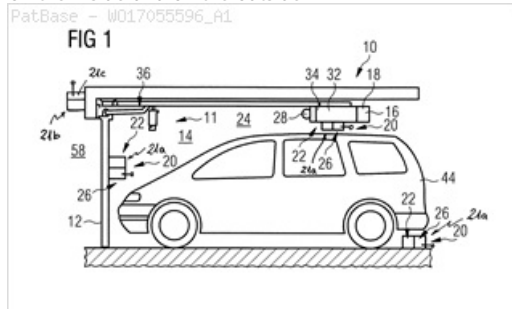
Title: CONTROL APPARATUS, DOOR AND/OR GATE DRIVE APPARATUS, GARAGE DOOR ARRANGEMENT AND METHOD FOR MOVING A DOOR AND/OR A GATE

Abstract: The invention relates to a control apparatus (20) for controlling a door and/or gate drive apparatus (16), having a sensor device (22) for detecting at least one atmospheric condition (24) of an area (14) which can be closed by a door (38) and/or a gate (12), and having a signal output device (26) for outputting a movement command signal depending on the detected atmospheric condition (24) at a door and/or gate drive apparatus (16) for moving the door (38) and/or the gate (12). The invention further relates to a door and/or gate drive apparatus (16) which has a control apparatus (20) of this kind, to a garage door arrangement (11) with a door and/or gate drive apparatus (16) of this kind, and also to a method for moving a door (38) and/or a gate (12). An internal sensor (21a) and an external sensor (21b) are provided, wherein the command is output depending on a comparison of the measurements on the inside and on the outside.

Classifications:

International (IPC 8-9): E05F15/70 E05F15/71 (Advanced/Invention); E05F15/70 (Advanced/Non-invention)

CPC: E05F15/71 E05F15/70 E05F15/79 E05Y2400/40 E05Y2900/106

**Family:**

Publication number	Publication date	Application number	Application date
DE102015116629 A1	20170330	DE201510116629	20150930
EP3356631 A1	20180808	EP20160794217	20160930
WO17055596 A1	20170406	WO2016EP73494	20160930

Priority:

DE201510116629 20150930 WO2016EP73494 20160930

Probable Assignee: HOERMANN ANTRIEBSTECHNIK KG

Assignee(s): (std): HOERMANN ANTRIEBSTECHNIK KG

Inventor(s): (std): HEDRICH MATTHIAS ; SANKE MICHAEL ; ZIESCHE FRANZ

Agent(s): KASTEL STEFAN

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 DJ 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 KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

187) Family number: 61746438 (US2017228954A)

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Title: SYSTEM AND METHOD FOR SECURE ENTRY

Abstract: There is provided a system and method for secure entry to a property or building. One aspect includes an apparatus having a housing and alarm means for triggering a timed alarm upon removal of a receptacle key from the housing. Locking means is included for locking the housing. Another aspect includes a removable media containing a list of cylinder codes. At least a portion of the list of cylinder codes are transferred to a receptacle key within the housing. Another aspect involves a system having a secure container with locking means for locking a housing. The system includes at least one locking receptacle that is unlocked with the receptacle key. Also provided is a method comprising the steps of retrieving a receptacle key from a secure container, triggering a timed alarm for return of the receptacle key and accessing a locking receptacle with the receptacle key.

Classifications:

International (IPC 8-9): E05B19/00 E05B39/00 E05B77/22 E05B77/44 E05G1/04 E05G1/10 G07C9/00 G08B13/24 G08B21/18 G08B21/24 H04L12/28 (Advanced/Invention)

CPC: G07C9/00896 G07C9/0069 G08B13/2402 E05G1/10 E05G1/04 G07C2009/00936 E05B19/0005 E05B39/005 G07C9/00571 G08B13/149 G08B21/24

**Family:**

Publication number	Publication date	Application number	Application date
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CA2957319 AA	20170206	CA20152957319	20150821
US2017228954 AA	20170810	US20150502104	20150821
WO16026049 A1	20160225	WO2015CA50800	20150821

Priority:

US20140040159P 20140821 US20150502104 20150821 WO2015CA50800 20150821

Probable Assignee: STAGER EDWARD

Assignee(s): (std): EVANS CHRIS

Assignee(s): STAGER EDWARD

Inventor(s): (std): STAGER EDWARD ; EVANS CHRIS

Agent(s): MACRAE AND CO

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

188) Family number: 41513438 (US2008041124A)

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Title: STEEL BAR AND PADLOCK FOR A SHIPPING CONTAINER

Abstract: A steel bar for securing and tracking shipping containers including an elongated body member and a length adjusting member. The bar includes a curved first end and a flange portion at a second end having a plurality of apertures. The length adjusting member includes a body member having a plurality of sidewalls with each sidewall having a slot for insertion therethrough of the body member. A cross bar having an aperture is provided between two of the sidewalls. A front wall can be provided between the same two sidewalls and hides the cross member. In use, the adjusting member is positioned along the body member to a desired position, where the cross bar aperture is aligned with one of the plurality of apertures of the flange portion. A padlock is inserted into the aligned apertures to lock the steel bar in place and prevent movement of the adjustment member. The steel bar and the padlock can be used in a system that uses, as an electronic seals placed on the doors of the containers.

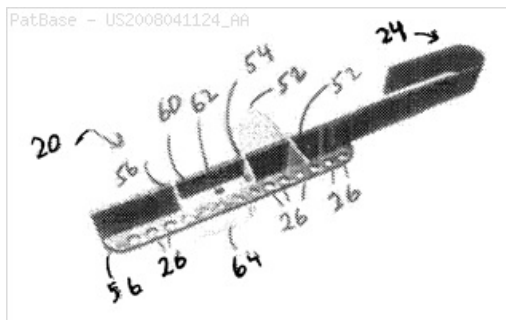
Classifications:

International (IPC 8-9): B65D55/02 E05B67/00 (Advanced/Invention); B65D55/02 E05B67/00 (Core/Invention)

CPC: E05C19/186 E05B2047/0096 Y10T70/413 Y10T70/5031

European: E05C19/18C P05B47/00R2

US: 70/20 70/20P 70/63 70/63S



Family:

Publication number	Publication date	Application number	Application date
US2008041124 AA	20080221	US20070828021	20070725

Priority:

US20060820439P 20060726 US20070828021 20070725

Probable Assignee: RUDD ARTURO V

Assignee(s): (std): RUDD ARTURO V

Inventor(s): (std): RUDD ARTURO V

Inventor(s): RUDD ARTURO ; RUDD ARTURO VALDES

Agent(s): DANIEL S POLLEY PA

189) Family number: 43872438 (US2009260185A)

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Title: TAMPER RESISTANT HINGE

Abstract: A hinge assembly incorporates an anti-tamper member that is selectively positionable to protect fasteners holding the hinge assembly to a mounting surface such as an access door. The hinge assembly may be incorporated into a bar lock assembly to provide additional tamper resistance for a shipping container, for example, to limit or prevent unauthorized access to the container.

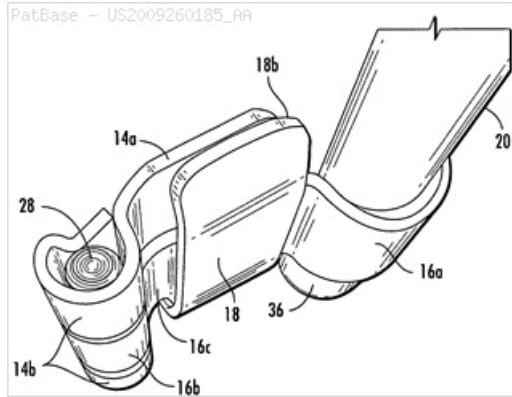
Classifications:

International (IPC 8-9): E05D11/00 (Advanced/Invention); E05D11/00 (Core/Invention)

CPC: E05Y2900/132 E05B83/10 E05D11/0018 Y10T16/533 Y10T16/5335 Y10T16/558 Y10T16/5595

European: E05B83/10 P05D11/00C

US: 16/250 16/251 16/251P 16/387 16/389

**Family:**

Publication number	Publication date	Application number	Application date
US2009260185 AA	20091022	US20090425807	20090417
US8146205 BB	20120403	US20090425807	20090417

Priority:

US20080046997P 20080422 US20090425807 20090417

Probable Assignee: IMP STAMPING CORP**Assignee(s):** (std): CHIDISTER ROBERT I ; CONNER PATRICK A ; IMP STAMPING CORP**Inventor(s):** (std): CONNER PATRICK A ; CHIDISTER ROBERT I**Agent(s):** VAN DYKE GARDNER LINN AND BURKHART LLP; GARDNER LINN BURKHART AND FLORY LLP**190) Family number: 29255439** (WO9610527A1)

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Title: LARGE-SIZE CONTAINER

Abstract: A large-size container for transporting various goods is disclosed. The container may be loaded with bulk and breakbulk goods and may be transported on various transport means and in variable transport directions, and is provided with means that allow it to be universally transferred from one transport means to another. The elements that enclose the inner space of the container are joined without joints to their connecting elements. At least three walls (1'; 1"; 1''') that may be completely opened are equipped with doors (2; 26) that lie in their closed position on surfaces provided with seals (18; 40) in order to protect the loaded goods from outer influences and to stop the penetration of media under pressure. At least three front surfaces (2') of the doors (2; 26) are mounted without clearance and flush with the door frame (8) to absorb static and dynamic forces from transport stresses and to resist the pressure of loaded rolling and pourable goods. The head (1''''') of the container (1) is provided with openable and closable movable covering surfaces with movable elements that extend downward, overlapping the vertical sides of the container in order to protect the top part of the container (1) from the penetration of various outside media.

Classifications:**International (IPC 8-9):** B60J5/10 B65D88/12

B65D90/00 (Advanced/Invention);

B60J5/10 B65D88/00 B65D90/00 (Core/Invention)

International (IPC 1-7): B60J5/10 B65D88/10 B65D88/12

B65D90/00 B65D90/02 B65D90/18 B65D90/62 B65D90/64 E05C9/00 E06B3/32 E06B7/16 E06B7/22

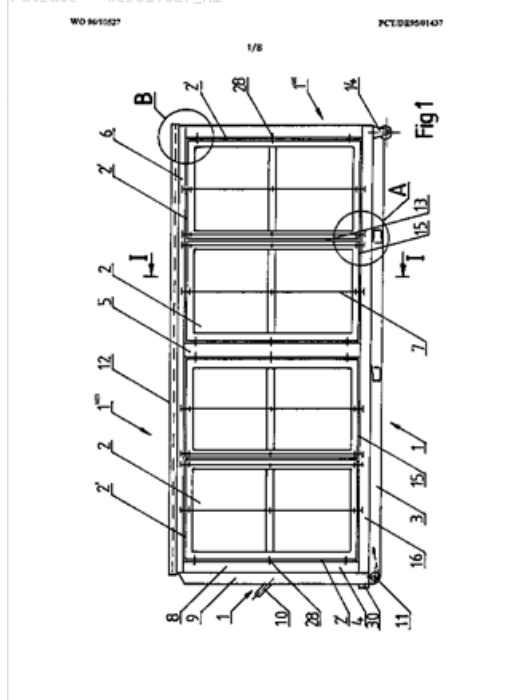
CPC: B60J5/108 B65D88/126 B65D88/127 B65D90/0033

B65D90/008 B65D2211/00

European: B60J5/10B B60J5/10F B65D88/12B3C B65D88/12C

B65D90/00D B65D90/00F L65D211/00

PatBase - WO9610527_A1

**Family:**

Publication number	Publication date	Application number	Application date
AT165305 E	19980515	AT19950934609T	19950930
DE4435449 A1	19960411	DE19944435449	19941004
DE59502012 D1	19980528	DE19955002012	19950930
EP0784582 A1	19970723	EP19950934609	19950930
EP0784582 B1	19980422	EP19950934609	19950930

Priority:

DE19944435449 19941004 DE19955002012 19950930 WO1995DE01437 19950930

Probable Assignee: MASCH UND FAHRZEUG GMBH ANGER**Assignee(s):** (std): MASCH U FAHRZEUG GMBH ; MASCH U FAHRZEUG GMBH ANGER ; MASCH UND FAHRZEUG GMBH ; MASCH UND FAHRZEUG GMBH ANGER**Assignee(s):** MASCHINEN UND FAHRZEUG GMBH ; MASCHINEN UND FAHRZEUG GMBH ANGERMUENDE 16278 ANGE ; MASCHINEN UND FAHRZEUG GMBH ANGERMUENDE 16278 ANGERMUENDE DE ; MASCH U FAHRZEUG GMBH ANGERMUENDE ; MASCH U FAHRZEUG GMBH ANGERMUENDE 16278 ANGERMUENDE DE**Inventor(s):** (std): GUNTHER HANS ; GUENTHER HANS**Inventor(s):** GUENTHER HANS 16303 SCHWEDT DE ; GUNTHER HANS D 16303 SCHWEDT DE**Designated states:** AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE**191) Family number: 2572439 (EP0078969A1)**

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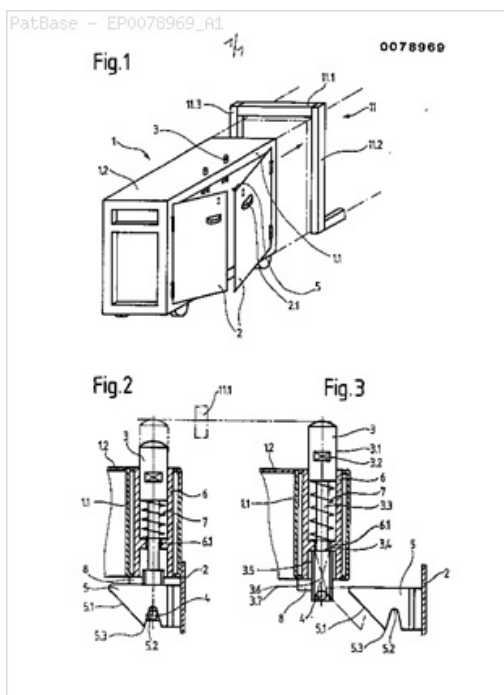
Title: Surveillance arrangement for containers.

Abstract: 1. Surveillance arrangement for containers (1) with door wing latching mechanism, which are displaceable on a predetermined conveying path, characterised thereby, that a transverse barrier (11.1) is provided at a small distance above the roof plate (1.2) of a container (1) passing through and downstream of a loading point on the predetermined conveying path and the door latching mechanism displays an actuating spigot which, when the door wing (2) is closed and latched, in its passage setting projects into a movement path which lies above the roof plate and passes through below the transverse barrier and, when the door wing is opened, in its blocking setting projects into a movement path which lies above the roof plate and no longer passes through below the transverse barrier.

Classifications:**International (IPC 8-9):** B65D88/12 B65D90/00 B65G43/00 E05B41/00 F16P3/08 (Advanced/Invention);

B65D88/00 B65D90/00 B65G43/00 E05B41/00

F16P3/00 (Core/Invention)

International (IPC 1-7): B65D90/00 B65G43/00 B65G43/08 B65G43/8 E05B41/00 E05C1/02 E05C21/00 F16P3/08**CPC:** B65D88/127 B65D90/008 B65G43/00 E05B41/00 F16P3/08**European:** B65D88/12C B65D90/00F B65G43/00 E05B41/00 F16P3/08**Family:**

Publication number	Publication date	Application number	Application date
AT13574 E	19850615	AT19820109839T	19821025
CH652689 A	19851129	CH19810007198	19811110
DE3263922 D1	19850704	DE19823263922	19821025
EP0078969 A1	19830518	EP19820109839	19821025
EP0078969 B1	19850529	EP19820109839	19821025
ES517215 A0	19831101	ES19820517215	19821108
ES8400341 A1	19831101	ES19820517215	19821108
FI73294 B	19870529	FI19820003805	19821108
FI73294 C	19870910	FI19820003805	19821108
FI823805 A	19830511	FI19820003805	19821108
FI823805 A0	19821108	FI19820003805	19821108
FI823805 L	19830511	FI19820003805	19821108

Priority:

CH19810007198 19811110 EP19820109839 19821025

Probable Assignee: INVENTIO AG**Assignee(s):** (std): INVENTIO AG**Assignee(s):** INVENTIO AKTIENGESSELLSCHAFT**Inventor(s):** (std): FROEMBERG GUENTER ; FROEMBERG GYNTER ; FROMBERG GUNTER ; KRUEGER MARLIS ; KRUGER MARLIS ; KRYGER MARLIS ; STILLER WOLFGANG**Designated states:** AT BE DE FR GB IT NL

Title: Access control system for mobile platform using electronic key-embedded location verification data

Abstract: An access control system prevents a mobile container from being compromised/opened during transit, through the use of a programmable electronic lock, which can be unlocked only by means of an enabled electronic key that has been programmed with geographical location data representative of the destination site of the container. When the mobile container arrives at its destination, the key is coupled with a comparator, which compares the geographic location information in the key with real time geographic location information from a geographic location detection unit associated with the mobile container. In response to a match, the comparator enables the key for a prescribed period of time. The key may then be inserted into the programmable electronic lock, which reads the key to determine whether it has been enabled. If the key is enabled, the lock can be unlocked, to provide access to the container.

Classifications:

International (IPC 8-9): G07C9/00 (Advanced/Invention)

International (IPC 1-7): E05B49/00 H04Q1/00

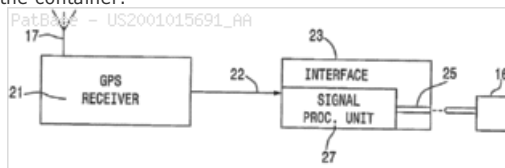
CPC: G07C9/00182 G07C9/00857 G07C2009/00761 G07C2009/0092

European: G07C9/00E18 G07C9/00E2 S07C9/00E14B

S07C9/00E20D

US: 340/425.5 340/425.500S 340/431 340/431S 340/5.2 340/5.200P

340/8.1 340/8.100S 340/825.49 342/457 701/29.6 701/35



Family:

Publication number	Publication date	Application number	Application date
US2001015691 AA	20010823	US20010776569	20010202
US6384709 BB	20020507	US20010776569	20010202

Priority:

US19970048123P 19970530

US19970047377P 19970602

US19980088467 19980601

US20010776569 20010202

Probable Assignee: INTELLIKEY CORP

Assignee(s): (std): INTELLIKEY CORP

Inventor(s): (std): DISBROW JAMES E ; FINNEY CARL ; MELLEN MICHAEL ; ROESCH JAMES ; WAGNER WILLIAM E

Title: Expandable wedge lock for doors and windows

Abstract: A device 4 which can be inserted into the gap between a door or window and the surrounding frame and expanded to exert a locking pressure. As shown the device is a flexible member with a retaining lip 7 and a handle 10 which is pulled to effect a contraction to allow mounting in the gap and which expands when the pull is released. In other embodiments the device is a flexible member which is compressed (eg by a cam) to effect expansion or comprises two members which are moved apart either by a linkage or by an inserted wedge to cause the expansion. The device can be locked in the expanded condition.

Classifications:

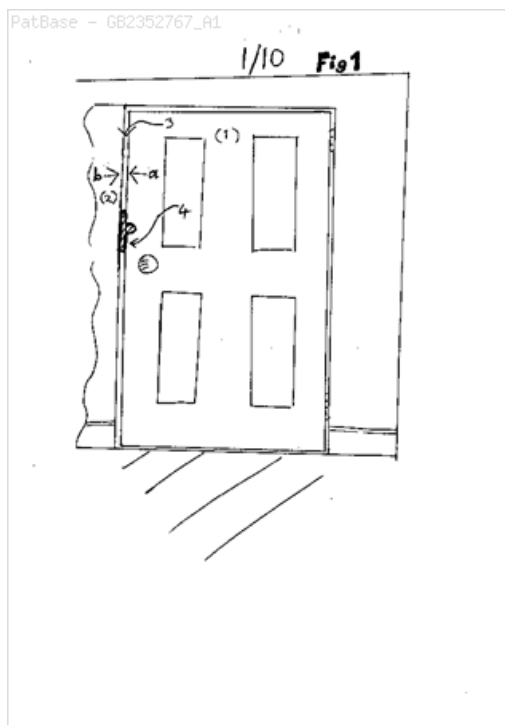
International (IPC 8-9): E05C19/18 (Advanced/Invention);

E05C19/00 (Core/Invention)

International (IPC 1-7): E05C19/18

CPC: E05C19/182

European: E05C19/18A



Family:

Publication number	Publication date	Application number	Application date
GB200000593 A0	20000301	GB20000000593	20000113
GB200003831 A0	20000405	GB20000003831	20000221
GB200015932 A0	20000823	GB20000015932	20000630
GB2352767 A1	20010207	GB20000015932	20000630
GB2352767 B2	20040218	GB20000015932	20000630
GB9915476 A0	19990901	GB19990015476	19990703
GB9923811 A0	19991208	GB19990023811	19991011

Priority:

Probable Assignee: BELLCHAMBERS DAVID J
Assignee(s): (std): BELLCHAMBERS DAVID J ; BELLCHAMBERS DAVID JAMES
Assignee(s): DAVID JAMES BELLCHAMBERS
Inventor(s): (std): BELLCHAMBERS DAVID JAMES
Inventor(s): DAVID JAMES BELLCHAMBERS

194) Family number: 11378446 (WO9932744A1)

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Title: ELECTRICAL DEVICE FOR CONTROLLING THE RELEASE OF A ROTATING SHAFT, IN PARTICULAR OF A LOCK AND LOCK EQUIPPED WITH SAME

Abstract: The invention concerns an electrical device for controlling the release of a rotating shaft, in particular integral with a door handle (10), said door being equipped with means sensing identification signs, in particular a magnetic card or chip card reader, said means capable of emitting a triggering signal. The invention is characterised in that it comprises mechanical means (46, 50) for locking/releasing the rotating shaft, means (14, 16) for emitting at least an electrical impulse after receiving a triggering signal and electromagnetic releasing means (18) arranged for receiving said impulse, said means being a vacuum cup (32) with current emission. The invention also concerns the handle equipped with said device.

Classifications:

International (ipc 8-9): E05B15/00 E05B47/00

E05B47/06 (Advanced/Invention);

E05B15/00 E05B47/00 (Advanced/Non-invention);

E05B47/06 (Core/Invention);

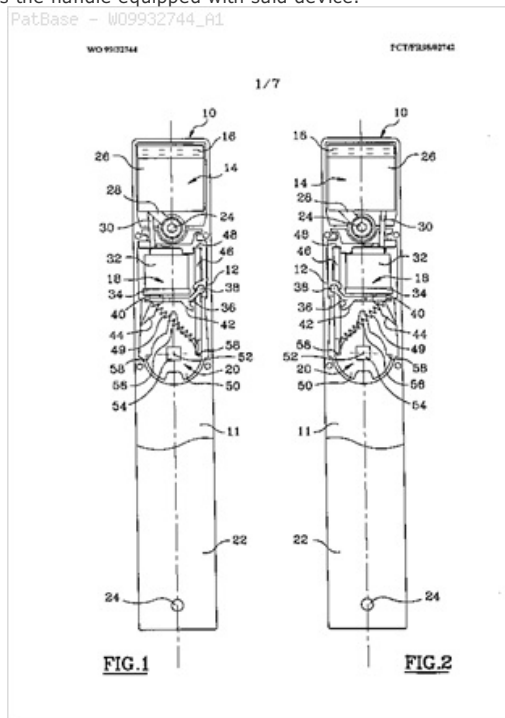
E05B15/00 E05B47/00 (Core/Non-invention)

International (ipc 1-7): E05B13/10 E05B47/00 E05B47/06

E05B49/00 E05B63/04

CPC: E05B15/004 E05B47/0006 E05B47/0669

European: E05B47/06D E05B47/06D4P P05B15/00L P05B47/00A1C



Family:

Publication number	Publication date	Application number	Application date
AU199917638 A1	19990712	AU19990017638	19981215
DE69831688 D1	20051027	DE19986031688	19981215
DE69831688 D1	20051027	DE19986031688T	19981215
DE69831688 T2	20060622	DE19986031688T	19981215
EP1040243 A1	20001004	EP19980962472	19981215
EP1040243 B1	20050921	EP19980962472	19981215
ES2251117 T3	20060416	ES19980962472T	19981215
FR2772817 A1	19990625	FR19970016541	19971219
FR2772817 B1	20000225	FR19970016541	19971219
WO9932744 A1	19990701	WO1998FR02742	19981215

Priority:

FR19970016541 19971219 WO1998FR02742 19981215

Probable Assignee: DUBOIS IND SA

Assignee(s): (std): DUBOIS IND ; DUBOIS IND CAHORS ; DUBOIS IND SA ; GAUTREAU ANDRE BERNARD JACQUES

Assignee(s): DUBOIS INDUSTRIES ; DUBOIS INDUSTRIES CAHORS ; DUBOIS INDUSTRIES SA

Inventor(s): (std): GAUTREAU ANDRE BERNARD JACQUES ; GAUTREAU BERNARD ; GAUTREAU ANDRE

Inventor(s): ANDRE BERNARD JACQUES GAUTREAU

Designated states: AT AU BE CA CH CY DE DK ES FI FR GB GR IE IT JP LU MC NL PT SE US

195) Family number: 11100448 (US5197313A)

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Title: LEVER-ACTUATED COMBINATION LOCKING APPARATUS

Abstract: A locking apparatus that includes first and second structural elements that are adapted to be juxtaposed and positioned next to one another in a "locked" mode, and physically separated from one another when "unlocked." When in its locked mode, the locking apparatus is restrained against separation until a manual force is simultaneously applied to

appropriate levers, ends of which are accessible on the exterior of the apparatus. A plurality of levers are mounted on the first of the two structural elements for rocking movement about a pivotal axis carried by the first element. Each lever has a first end that protrudes externally of the apparatus, and a second end that is sized and shaped so that it may be engaged with a lip surrounding an associated aperture in the second structural element. A biasing device is provided for continuously biasing each of the levers to a centered rest position, where at least one of the levers will be in an overlapping or interfering position with respect to the adjacent lip of its associated aperture. In a preferred embodiment, there are two configurations for the locking levers; one is normally engaged and the other disengaged when they are in their centered rest positions. Knowing the correct combination to open the locking apparatus involves knowing which levers must be moved and which direction they must be moved. Removing finger pressure from the exposed ends of the levers allows the levers to automatically return to their centered positions.

Classifications:

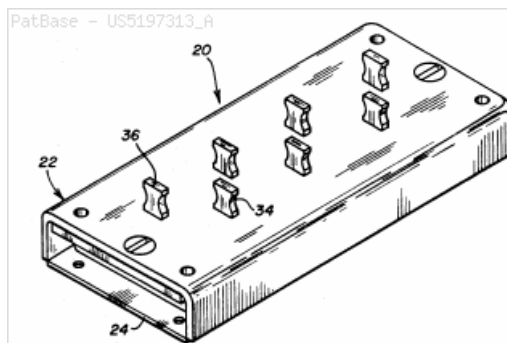
International (IPC 8-9): E05B37/16 (Advanced/Invention); E05B37/00 (Core/Invention)

International (IPC 1-7): E05B37/16

CPC: E05B37/16 Y10T70/7164 Y10T70/726 Y10T70/7305

European: E05B37/16

US: 70/288 70/304 70/312



Family:

Publication number	Publication date	Application number	Application date
US5197313 A	19930330	US19900473536	19900201

Priority:

US19900473536 19900201

Probable Assignee: MCCULLOUGH RICHARD P

Assignee(s): (std): MCCULLOUGH RICHARD P

Assignee(s): MC CULLOUGH RICHARD P

Inventor(s): (std): CHANDLER ROY L ; MCCULLOUGH RICHARD P

196) Family number: 42114451 (EP1961902A1)

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Title: Rack for transporting valuables

Abstract: The present invention discloses a rack for transporting valuables, a rack which is constructed using armoured material and which is intelligent. The invention also discloses a rack for transporting valuables which is made out of armoured material and which has means to transport the rack. The invention further discloses a rack for transporting valuables which is intelligent and has means to transport the rack.

Classifications:

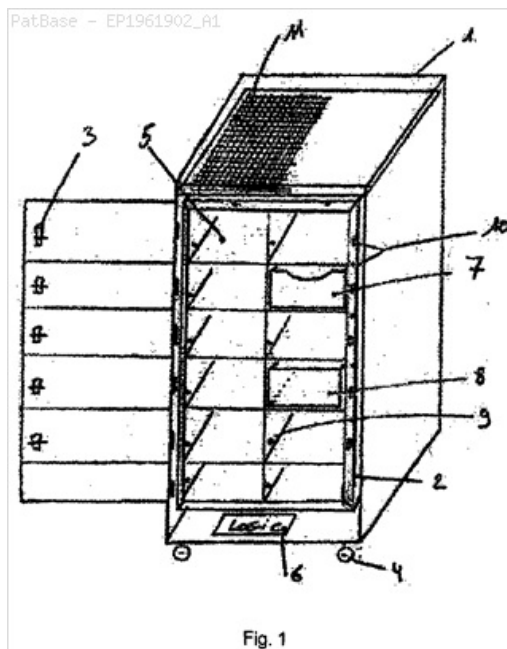
International (IPC 8-9): E05G1/14 E05G7/00

G07D11/00 (Advanced/Invention);

E05G1/00 E05G7/00 G07D11/00 (Core/Invention)

CPC: E05G1/005 E05G1/14 E05G7/00

European: E05G7/00 P05G1/00C P05G1/14



Family:

Publication number	Publication date	Application number	Application date
EP1961902 A1	20080827	EP20070003929	20070226
EP1961903 A2	20080827	EP20080102038	20080226
EP1961903 A3	20131113	EP20080102038	20080226

Priority:

EP20070003929 20070226 EP20080102038 20080226

Probable Assignee: AGIS IQ SEC SA

Assignee(s): (std): AGIS IQ SEC SA

Assignee(s): AGIS IQSEC SA
Inventor(s): (std): GHYSEN ALEC PETER JULES JOS
Agent(s): MOENS MARNIX KAREL CHRISTIANE ET AL; BIIP CVBA
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK TR

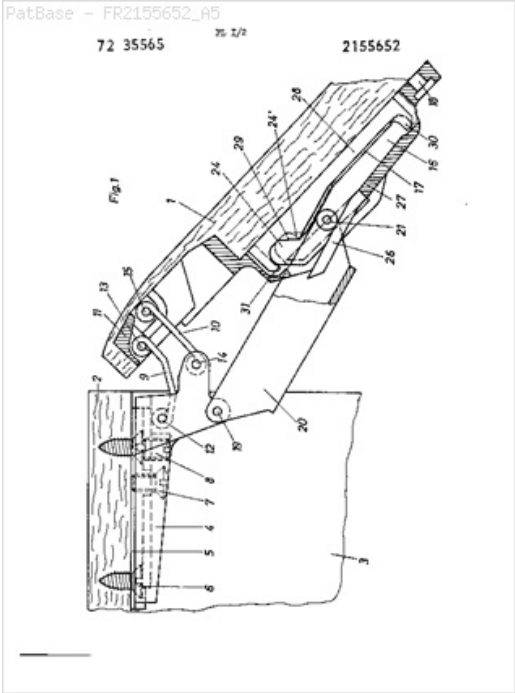
197) Family number: 1042454 (IT975173A) © PatBase

Title: CERNIERA PER SPORTELLI APRIBILI VERSO L ALTO

Abstract: Source: AT327728B [DE] [Source: Claim 1] 1. Scharnier fuer nach oben bewegbare Klappen, mit einem Stuetzhebel, der an einem der beiden Befestigungsteile des Scharniers drehbar befestigt und mit seinem andern, naemlich dem sich drehenden Teil, in einem an dem andern Befestigungsteil des Scharniers angebrachten Kulissenschlitz gefuehrt ist, wobei dieser Kulissensehlitz an dem dem Scharniergelenk zugewendeten Ende zu einer Ausnehmung verbreitert ist, die als 25 Rast die Rueckdrehung aus der oeffnungsstellung sperrt, dadurch gekennzeichnet, dass in Laengsrichtung des Kulissenschlitzes (16) ein laengsverschiebbarer Schieber (28) mit klemmender Reibung angeordnet ist, der im Bereich der Ausnehmung (24) eine Auflauframpe (29) aufweist, die bei in Richtung zum Gelenk geschobenem Schieber die dem Gelenk abgewendete sperrende Kante (24') der Ausnehmung schraeg ueberbrueckt, waehrend der Schieber an seinem der Rast abgewendeten Ende ebenfalls einen Vorsprung (30) 30 aufweist, der bei in ueberbrueckungsstellung befindlicher Auflauframpe in den Kuessenschlitz hineinragt, beim Eintritt des Scharniers in die Schliessstellung aber durch den Kulissenstein (21) des Stuetzhebels (20) so weit in Laengsrichtung zurueckgeschoben wird, dass die Auflauframpe aus ihrer ueberbrueckungsstellung zurueckgezogen wird, waehrend ein dritter Vorsprung (31) des Schiebers am gelenkseitigen Ende im Abstand von der Auflauframpe in die Ausnehmung hineinragt, wobei weiterhin eine federnde Zunge (26) angeordnet ist, so dass sie den 35 Kulissenstein bei Erreichen der Ausnehmung (24) seitlich in diese hineindrueckt.

Machine translation: [Source: claim 1] 1 is hinged for upward movable flaps, with a supporting arm, which swivel attached and with his other, namely the rotating part, is in a backdrop of slot attached to the other fixing part of the hinge, with this Kulissensehlitz when used to end a recess widened the hinge on one of the two fixing parts of the hinge that as 25 back rotation from the open position locks locking, characterized that a longitudinal sliding gate valve (28) with klemmender friction is arranged in longitudinal direction of the scenery slot (16), in the area of the recess (24) a casserole pad (29) has, the slide pushed in the direction of the joint the the joint averted blocking edge (24') cut obliquely bridge, during the slide on his rest outboard positions end also a head start (30) 30 has, which juts out when baking in bypass position, ramp, the Kuessenschlitz, at the entrance of the hinge to the closed position but by the backdrop of stone (21) of the support lever (20) so far in the longitudinal direction is detainee, that the overrun ramp bridging position is withdrawn from her, while a third lead (31) of the slide at the end of the hinge-side at a distance from the casserole ramp in the recess extends, where there is still a resilient tongue (26), so that it laterally pushes into setting stone the 35 reached the recess (24) in this.

Classifications:
International (IPC 8-9): E05D11/10 (Advanced/Invention)
International (IPC 1-7): E05C17/28 E05D11/00 E05D11/10 E05D15/00 E05D15/04 E05D15/12 E05D7/00
CPC: E05D11/1021 E05Y2900/20
European: E05D11/10D2 P05Y900/200



Family:

Publication number	Publication date	Application number	Application date
AT327728 B	19760210	AT19720008110	19720921
AT811072 A	19750415	AT19720008110	19720921
DE2150249 A1	19730412	DE19712150249	19711008
FR2155652 A5	19730518	FR19720035565	19721006
IT975173 A	19740720	IT19720070138	19721005

Priority:
DE19712150249 19711008

Probable Assignee: LAUTENSCHLAEGER KG KARL

Assignee(s): (std): LAUTENSCHLAEGER KARL KG ; LAUTENSCHLAEGER KG KARL
Assignee(s): LAUTENSCHLAGER KARL KG ; LAUTENSCHLAGER K KG ; KARL LAUTENSCHLAEGER KG ; KARL LAUTENSCHLAGER KG
Inventor(s): (std): LAUTENSCHLAEGER GERHARD ; LAUTENSCHLAEGER JUN KARL
Inventor(s): JUN ; JUN KARL LAUTENSCHLAEGER

Title: ELECTRICAL MANUALLY PORTABLE SECURITY CASE FOR THE STORAGE OF THEFT ATTRACTIVE ARTICLES WITH AN ELECTRICAL MAT HAVING AT LEAST ONE ELONGATED ELECTRICALLY CONDUCTIVE WIRE IN A SUBSTANTIALLY CONTINUOUS MESH, LOOP OR EYE STRUCTURE

Abstract: The present disclosure provides a security structure intended particularly for the construction of security containers and security rooms. The security structure has an alarm mat integral therewith. The alarm mat is constructed from one or more insulated, electrically conductive threads, wires, or the like, or from one or more light conducting, optical fibres. The thread or threads is/are disposed to form continuous meshes, loops, or eyes of the kind obtained when knitting or crocheting.

Classifications:

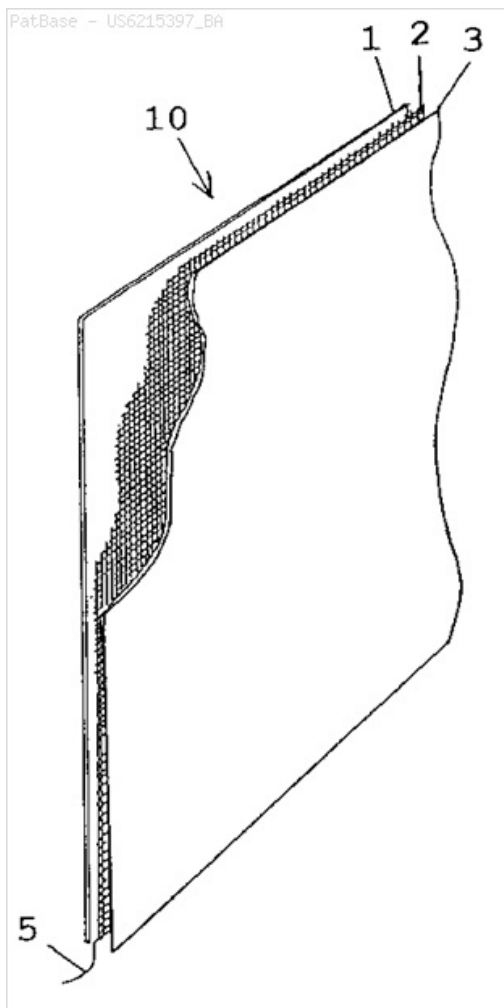
International (IPC 8-9): E05G1/00 E05G1/02 E05G1/024 E05G1/10 G08B13/12 G08B13/22 (Advanced/Invention); E05G1/00 E05G1/14 (Advanced/Non-invention); E05G1/00 G08B13/02 G08B13/22 (Core/Invention)

International (IPC 1-7): E05G1/00 E05G1/024 E05G1/10 G08B13/00 G08B13/12 G08B13/186 G08B13/22

CPC: G08B13/126 E05G1/005 E05G1/14 E05G1/10 E05G1/00 E05G1/024

European: E05G1/00 E05G1/00C E05G1/024 E05G1/10 G08B13/12H P05G1/024 P05G1/14

US: 109/42 340/550 340/551 340/552 340/561 340/691.1 340/693.5



Family:

Publication number	Publication date	Application number	Application date
AU199340983 A1	19931213	AU19930040983	19930510
BRPI9306336 A	19990727	BR1993PI06336	19930510
CA2135162 AA	19941104	CA19932135162	19930510
CA2135162 C	20060314	CA19932135162	19930510
DE69312974 D1	19970911	DE19936012974	19930510
DE69312974 T2	19980312	DE19936012974T	19930510
DK0725881 T3	19980323	DK19930910519T	19930510
EP0725881 A1	19960814	EP19930910519	19930510
EP0725881 B1	19970806	EP19930910519	19930510
ES2108871 T3	19980101	ES19930910519T	19930510
JP7506881 T2	19950727	JP19930520125T	19930510
KR100321237 B1	20020627	KR19940704021	19930510
KR19950701701 A	19950428	KR19940704021	19941110
RU2126079 C1	19990210	RU19940046045	19930510
RU94046045 A	19960920	RU19940046045	19930510
RU94046045 A1	19960920	RU19940046045	19941115
SE501674 C2	19950410	SE19930001621	19930510
SE501675 C2	19950410	SE19920001483	19920510
SE9201483 A	19931112	SE19920001483	19920510
SE9201483 A0	19920511	SE19920001483	19920510
SE9201483 L	19931112	SE19920001483	19920510
SE9301621 A	19931112	SE19930001621D	19930510
SE9301621 A0	19930510	SE19930001621	19930510
SE9301621 L	19931112	SE19930001621	19930510
US6215397 BA	20010410	US19980118355	19980717
US6400268 BA	20020604	US20000612990	20000710
WO9323648 A1	19931125	WO1993SE00412	19930510

Priority:

SE19920001483 19920510 SE19920001483 19920511 SE19930001621 19930510
WO1993SE00412 19930510 US19940336579 19941109 US19960696136 19960813
US19980118355 19980717 US20000612990 20000710

Probable Assignee: LINDSKOG INNOVATION AB

Assignee(s): (std): K ELL LINDSKOG ; LINDSKOG INNOVATION AB ; LINDSKOG KJELL ; LINDSKOG K ELL ; LINDSKOG K J E

Assignee(s): LINDSKOG K'ELL ; LINDSKOG KJELL JAN ERIK ; LINDSKOG KJELL JAN ERIK SKELLEFTEAA SE ; SQS SECURITY QUBE SYSTEM AB ; LINDSKOG INNOVATION MULLBERGSGVAGEN AB ; KJELL LINDSKOG

Inventor(s): (std): LINDSKOG KJELL ; LINDSKOG K ELL ; K ELL LINDSKOG ; KJELL LINDSKOG ; LINDSKOG KJELL JAN ERIK

Inventor(s): LINDSKOG KJELL JAN ERIK SKELLEFTEAA SE ; LINDSKOG K'ELL

Agent(s): RIDOUT AND MAYBEE LLP

Designated states: AT AU BB BE BF BG BJ BR CA CF CG CH CI CM CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR KZ LI LK LU MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG UA US VN

199) Family number: 11756458 (DE4423163A1)

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Title: Door mortice lock with spring=bolt

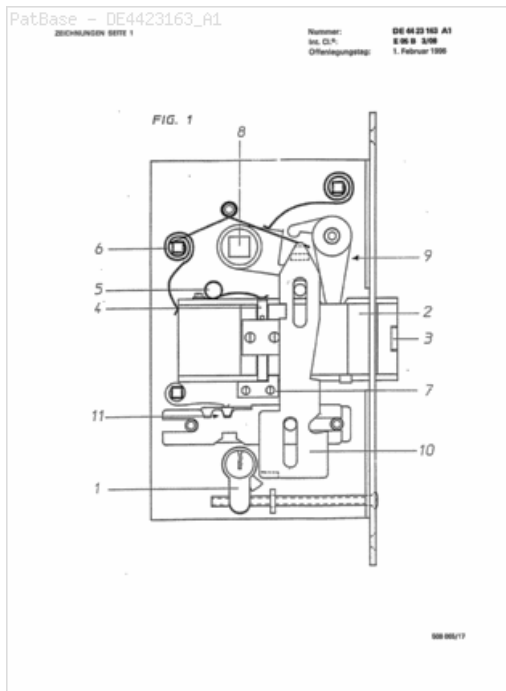
Abstract: The actuator for the spring-bolt (2) tumbler (4) operates automatically when the door etc. is closed and forces the bolt out into its receiving socket to a point beyond the normal rest position of the spring-bolt. The release (3) provided for the spring-bolt actuator lies in the closing area of the door etc. and is thus forcibly operated in closure. Release is specifically by a slide which stands parallel and coaxial to the bolt and moves in relation to this. The actuator is designed as a tabbed part of the lock plate to project into the spring-bolt receiving socket. The bolt tumbler presents a spring loaded cross-slide mounted on the bolt itself so that in its first setting, the slide limits the outward extension of the bolt in its free bolting condition and also locks the bolt spring. In its second setting the actuating slide briefly frees the bolt outward movement and its spring so as to lock the bolt and at the same time limit its possible interaction.

Classifications:

International (IPC 8-9): E05B17/20 E05B55/12 (Advanced/Invention); E05B17/00 E05B55/00 (Core/Invention)

International (IPC 1-7): E05B15/10 E05B3/08 E05B63/08 E05B9/02
CPC: E05B17/203 E05B55/12

European: E05B17/20D21 E05B55/12



Family:

Publication number	Publication date	Application number	Application date
DE4423163 A1	19960201	DE19944423163	19940704

Priority:

DE19944423163 19940704

Probable Assignee: KOCK HEINZ

Assignee(s): (std): KOCK HEINZ

Assignee(s): KOCK HEINZ 49733 HAREN DE

Inventor(s): (std): KOCK HEINZ

Inventor(s): KOCK HEINZ 49733 HAREN DE

200) Family number: 11506460 (US5886644A)

© PatBase

Title: PROGRAMMABLE DIGITAL ELECTRONIC LOCK

Abstract: An electronic lock for use with lockers has a recess or contacts for accepting an electronic ID chip as a "key". Upon receiving the current ID chip, the lock shifts a latch to unlocked position, with the latch or mortise being spring-biased. The construction of the electronic lock is modular, easily fitting on nearly all contemporary locker designs, retained by only a few screws preferably in the standard three-hole locker door prep layout. An outer housing on the outside of the locker door has an electrical plug-in connection through the door with an inner housing at the inside of the door, and the housing portions can be changed to opposite hand use. Power input ports preferably are included on the front of the outer housing to power the lock in the event of battery failure, and in addition, an audible beep occurs when batteries are low. An LED indicator can

be included for status.

Classifications:

International (IPC 8-9): E05B47/00 G07C9/00

G07F17/12 (Advanced/Invention);

E05B63/00 E05B65/02 (Advanced/Non-invention);

E05B47/00 G07C9/00 G07F17/10 (Core/Invention);

E05B63/00 E05B65/02 (Core/Non-invention)

International (IPC 1-7): E05B37/06 E05B43/00 E05B47/00

E05B49/00 G06F7/04 G06K5/00 G07B15/00

CPC: Y10T70/7062 Y10T70/7068 E05B47/00 E05B63/0065

E05B65/025 G07C9/00896 G07C2009/00761 G07C2009/00849

G07F17/12 Y10T70/415 Y10T70/7028 Y10T70/7057

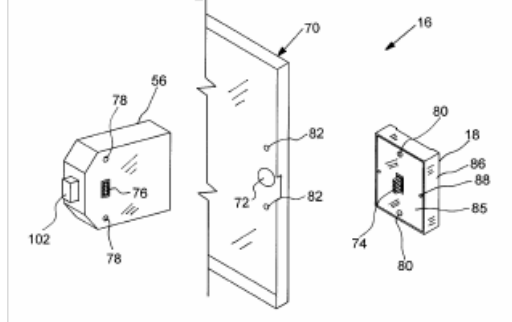
European: E05B47/00 G07C9/00E20 G07F17/12 P05B63/00T

P05B65/02L S07C9/00E14B S07C9/00E16F

US: 235/38.2 235/382 340/5.21 340/5.54 340/5.73 340/5.9

340/825.31 70/21 70/271 70/276 70/277 70/278 70/278.1

PatBase - US5886644_A



Family:

Publication number	Publication date	Application number	Application date
US5886644 A	19990323	US19970835592	19970410
US5894277 A	19990413	US19960615397	19960312

Priority:

US19960615397 19960312 US19970835592 19970410

Probable Assignee: SECURITY PEOPLE INC

Assignee(s): (std): SECURITY PEOPLE INC

Inventor(s): (std): GOKCEBAY ASIL T ; KESKIN YUCEL K

201) Family number: 48203461 (US2011018707A)

© PatBase

Title: SHIPPING CONTAINER HAVING INTEGRAL GEOCLOCK SYSTEM

Abstract: A shipping apparatus for small, high value or accountable items comprises: a substantially rigid housing comprising two opposed sections connected to one another, forming a container capable of being opened and closed, typically in a clamshell arrangement; and an integral locking device to secure the container in the closed position. The locking device includes: a microprocessor; a global positioning system (GPS) receiver; a power supply; and an electromechanical latching mechanism to actuate the locking device and to unlock the locking device upon signal from the microprocessor when the shipping container has reached a selected geographic location. The locking device may further contain additional sensing and communication functions.

Classifications:

International (IPC 8-9): A45C13/18 B65D55/02 G06Q G08B

G08B1/08 G08B13/08 G08B13/14 (Advanced/Invention);

A45C13/10 A45C13/42 B65D43/16 B65D55/02 E05B47/00

E05B83/10 E05C19/18 G01S19/16 G01S5/00 (Advanced/Non-

invention);

G06Q G08B (Subclass/Invention)

CPC: G08B13/08 A45C13/18 A45C13/10 A45C13/42 B65D43/162

B65D55/028 B65D2203/10 E05B83/10 E05B2047/0096 E05C19/186

G01S5/0027 G01S19/16

European: A45C13/18 B65D43/16B B65D55/02J E05B83/10

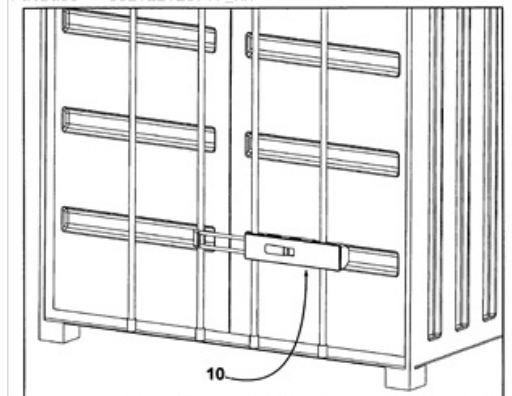
E05C19/18C G01S19/16 G01S5/00R1A K45C13/10 K45C13/42

L65D203/10 P05B47/00R2

US: 206/1.5 206/1.500S 340/539.13 340/539.130P 340/539.26

340/539.260S 340/572.1 340/572.100S

PatBase - US2011018707_AA



Family:

Publication number	Publication date	Application number	Application date
CN102576482 A	20120711	CN201080042897	20100713
EP2460150 A1	20120606	EP20100804878	20100713
EP2460150 A4	20141217	EP20100804878	20100713
HK1172991 A1	20130503	HK20130100098	20130104
IN00649DN2012 A	20150821	IN2012DN00649	20120123
MX2012001372 A1	20120627	MX20120001372	20100713
US2011018707 AA	20110127	US20090460961	20090727
WO11014353 A1	20110203	WO2010US41808	20100713
ZA201200637 A	20120926	ZA20120000637	20120124

Priority:

US20090460961 20090727 WO2010US41808 20100713

Probable Assignee: TRAKLOK INT LLC

Assignee(s): (std): DOBSON ERIC L ; REED JOEL K ; TRAKLOK CORP

Assignee(s): TRAKLOK INT LLC

Inventor(s): (std): REED JOEL K ; DOBSON ERIC L

Inventor(s): REED JOEL

Agent(s): LIPPETT STACHOW AND PARTNER; LIU SHEN AND ASSOCIATES; ROBERT J LAUF; HAMMER ROBERT H III 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

202) Family number: 64747462 (EP3121353B1)

© PatBase

Title: LOCK FOR A SOCKET WRENCH SERRURE POUR UNE CLE A PIPE

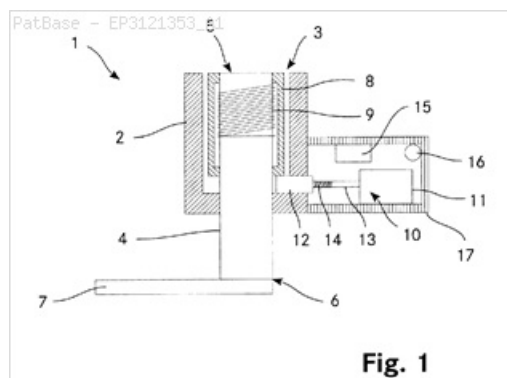
Abstract: Source: EP3121353A1 [DE] Die vorliegende Anmeldung betrifft ein Schloss fuer einen Steckschlüssel (18), insbesondere fuer einen Vier- oder Dreikantschlüssel, mit einem Schliesszylinder (2) mit einer Schlüsselloeffnung (3) und einem teilweise in dieser Schlüsselloeffnung (3) drehbar gelagerten Schaft (4). Der Schaft weist zumindest an einem ersten Ende (5), welches in der Schlüsselloeffnung (3) angeordnet ist, eine Kontur auf, welche zu einer Form eines Steckschlüssels (18) komplementär ist. An einem zweiten Ende (6) ist der Schaft (4) mit einem Verriegelungselement, insbesondere mit einem Riegel (6), verbindbar. Innerhalb der Schlüsselloeffnung (3) ist ein Zylinder (8) angeordnet, welcher relativ zum Schaft (4) zwischen einer verriegelten Stellung, in welcher der Zylinder (8) ein Einfuehren eines Steckschlüssels (18) in die Schlüsselloeffnung (3) verhindert, und einer Freigabestellung, in welcher ein Steckschlüssel (18) in die Schlüsselloeffnung (3) einfuehrbar ist, entlang eines Verschiebeweges innerhalb der Schlüsselloeffnung (3) linear verschiebbar gelagert ist. Das Schloss (1) weist eine Freigabevorrichtung (10) auf, mit welcher der Zylinder (8) in der verriegelten Stellung blockiert werden kann.

Machine translation: The present application relates to a castle for a socket wrench (18), in particular for a four or triangular key, with a cylinder lock (2) with a key hole (3) and a swivelling part in this key hole (3) shaft (4). The shaft has a contour at least at a first end (5), which is arranged in the key hole (3), which is complementary to a form of a socket spanner (18). The Shank (4) with a locking element, in particular with a catch (6), is connectable to a second end (6). A cylinder (8) is arranged within the key hole (3), which is along a physical within the key hole (3) linear sliding bearings relative to the shaft (4) between a locked position in which prevents the cylinder (8), inserting a socket spanner (18) into the key hole (3) and a share position in which a socket (18) into the key hole (3) is insertable. The Castle (1) has a release device (10), which can be used to block the cylinder (8) into the locked position.

Classifications:

International (IPC 8-9): E05B17/14 E05B35/00 E05B47/00
E05C3/04 (Advanced/Invention)

CPC: E05C3/042 E05B17/147 E05B35/008 E05B47/00

**Family:**

Publication number	Publication date	Application number	Application date
DE502015004002 D1	20180524	DE201550004002T	20150724
EP3121353 A1	20170125	EP20150405047	20150724
EP3121353 B1	20180425	EP20150405047	20150724

Priority:

EP20150405047 20150724

Probable Assignee: DIE SCHWEIZERISCHE POST AG

Assignee(s): (std): DIE SCHWEIZERISCHE POST AG

Inventor(s): (std): METZGER STEFAN

Agent(s): KESSLER STEPHAN; KELLER AND PARTNER PATENTANWAELTE AG

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

203) Family number: 63862464 (DE202016004859U1)

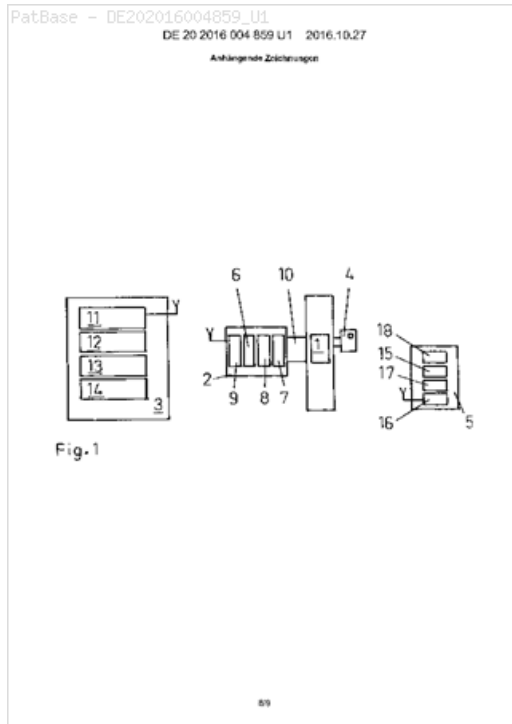
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Title: TUERSCHLOSS MIT EINEM SCHLIESSMECHANISMUS DOOR LOCK WITH A LOCK MECHANISM (Machine translation)

Abstract: Source: DE202016004859U1 [DE] Tuerschloss mit einem Schliessmechanismus (1), dadurch gekennzeichnet, dass der Schliessmechanismus (1) mit einer Detektionseinrichtung (2) versehen ist, dass die Detektionseinrichtung (2) ein erstes Datenverarbeitungssystem (6) mit einem ersten Cryptomodul, ein Sensormodul (7) und eine Sende-/Empfangseinheit (9) elektromagnetischer Wellen aufweist, dass das erste Datenverarbeitungssystem (6) entweder direkt oder ueber eine zweite Datenverarbeitungssystem (12) mit einem zweiten Cryptomodul aufweisende Zentraleinheit (3) mit mindestens einer Alarmeinrichtung (14) verbunden oder verbindbar ist, dass der Schliessmechanismus (1) zum Schliessen wenigstens einen mechanischen Schlüssels (4) und zum alarmfreien oeffnen den mechanischen Schlüssels (4) und eine mobile Identifikationseinheit mit wenigstens einem Datencode umfasst, wobei das Sensormodul (7) ein das Vorhandensein und die Drehbewegung des mechanischen Schlüssels (4) erfassendes Sensormodul (7) der Detektionseinrichtung (2) ist und die mobile Identifikationseinheit zum Vergleich des Datencodes mit der Detektionseinrichtung (2) und/oder der Zentraleinheit (3) verbunden ist.

Machine translation: Door lock with a locking mechanism (1), characterised by the fact that the locking mechanism (1) with a detection device is (2) provided that the detection device (2) has a first data processing system (6) with a first Cryptomodul, a sensor module (7) and a transmitter / receiver unit (9) electromagnetic waves, that is either directly or connected to a central unit (3) with at least one alarm Setup (14) assign a second data processing system (12) with a second Cryptomodul or can be the first data processing system (6), that the locking mechanism (1) to close at least one mechanical key (4) and open the mechanical key (4) to the alarm-free and includes a mobile identification unit with at least a data code, where the sensor (7) (2) is a capture of the presence and the rotational movement of the mechanical key (4) sensor module (7) of the detection device and is connected to the mobile identification unit to the comparison of the data codes with the detection device (2) and/or the central processing unit (3).

Classifications:
International (IPC 8-9): E05B49/00 (Advanced/Invention)
CPC: E05B49/00 E05B45/06 E05B2047/0094 G07C9/00571



Family:

Publication number	Publication date	Application number	Application date
DE202016004859 U1	20161027	DE201620004859U	20160807

Priority:

DE201620004859U 20160807

Probable Assignee: SCHUETZE FRANK

Assignee(s): (std): SCHUETZE FRANK ; SCHUETZE JAN

Assignee(s): SCHUETZE

204) Family number: 44003466 (US2009282879A)

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Title: LOCK ASSEMBLY WITH ROTARY LOCKING MEMBER

Abstract: A lock includes a rotary locking member, a locking bolt, and an electrically operable mechanism. The rotary locking member is rotatable about a first axis between a locking position and a releasing position. The locking bolt is configured to hold the rotary locking member in the locking position when the locking bolt is in a first position. The electrically operable mechanism is configured to move the locking bolt in a direction parallel to the first axis from the first position to a second position in response to an electrical signal supplied to the electrically operable mechanism. Movement of the locking bolt to the second position allows the rotary locking member to rotate from the locking position to the releasing position.

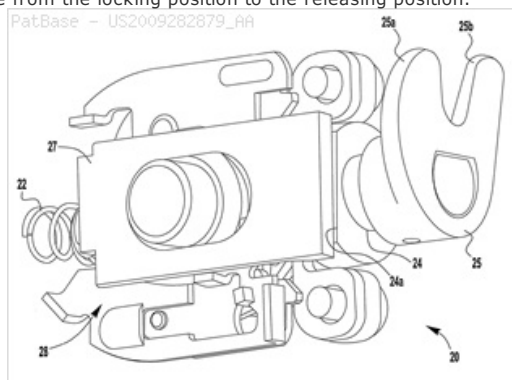
Classifications:

International (IPC 8-9): E05B43/00 E05B47/02 (Advanced/Invention); E05B43/00 E05B47/02 (Core/Invention)

CPC: Y10T70/7062 E05C3/24 E05B37/00 E05B47/0603 E05B65/025

European: E05B47/06 E05B47/06A E05B65/02L E05C3/24 P05B37/00

US: 70/277 70/277P



Family:

Publication number	Publication date	Application number	Application date
CN102027178 A	20110420	CN200980117120	20090701
US2009282879 AA	20091119	US20080173307	20080715
WO10008935 A1	20100121	WO2009US49384	20090701

Priority:

US20080053243P 20080515 US20080173307 20080715 WO2009US49384 20090701

Probable Assignee: MASTER LOCK CO LLC

Assignee(s): (std): BABU KARTHICK ; JAYARAMAN AJAY ; MARCELLE JESSE ; MASTER LOCK CO ; MEEKNA GLEEN P ; PEOT PAUL R ; NAVE ZACHERY

Assignee(s): MASTER LOCK CO LLC ; MASTER LOCK COMPANY LLC

Inventor(s): (std): MARCELLE JESSE ; MEEKMA GLENN P ; PEOT PAUL R ; NAVE ZACHERY ; MEEKNA GLEEN P ; JAYARAMAN AJAY ; BABU KARTHICK ; KARTHICK BABU ; JESSE MARCELLE ; AJAY JAYARAMAN ; ZACHERY NAVE

Agent(s): CALFEE HALTER AND GRISWOLD LLP; JOHNSTON WILLIAM A ET AL

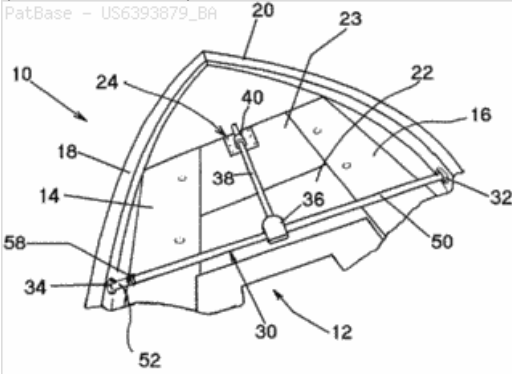
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA 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

205) Family number: 23173470 (US6393879B) © PatBase

Title: T-BAR DECK LOCKER SECURITY SYSTEM

Abstract: A T-bar lockable linkage is deployed between the gunnels and forward seating or casting area of a marine craft and effective to limit opening of an array of side and central storage containers including a telescoping cross bar assembly that is connected to mounting brackets at the sides of the front boat deck. The mounting brackets include universal connectors that allow self alignment of the cross bar assembly, notwithstanding varying boat configurations or installation inaccuracies. The cross bar assembly includes a slotted slidable hub that may be aligned with a forward anchorage location, preferably an existing pedestal base for a swivel boat seat. The cross bar assembly includes matching holes aligned with a medial slot in the hub. A front anchor is releasably attached to the front pedestal base and slidably receives a center locking bar. With the center locking bar in place, the front anchor is conditioned against removal. The center locking bar is aligned with and closely overlies the center storage lockers and includes a terminal end that is received in the hub slot and a projecting locating pin that is received in the cross bar holes thereby limiting relatively movement therebetween and preventing disengagement from the mounting brackets. The hub carries a keyed locking device including a latch bolt that engages the center locking bar to unitize the assembly and prevent separation of the components.

Classifications:
International (IPC 8-9): B63J99/00 E05B73/00 (Advanced/Invention); E05B67/36 E05C19/00 (Advanced/Non-invention); B63J99/00 E05B73/00 (Core/Invention); E05B67/00 E05C19/00 (Core/Non-invention)
International (IPC 1-7): B65D55/14 E05B73/00
CPC: B63J99/00 E05B67/36 E05B73/007 E05C19/003 Y10T70/40 Y10T70/411 Y10T70/50 Y10T70/5009 Y10T70/5562 Y10T70/5566 Y10T292/34 Y10T292/37
European: B63J5/00 B63J99/00 E05B73/00C P05B67/36 P05C19/00C
US: 292/1.1 292/288 292/289 292/37.1 70/14 70/163 70/164 70/19 70/57 70/58



Family:

Publication number	Publication date	Application number	Application date
US6393879 BA	20020528	US20000595132	20000616
US6675615 BA	20040113	US20020079220	20020214

Priority:

US20000595132 20000616 US20020079220 20020214

Probable Assignee: WILLIAM J MARK

Assignee(s): WILLIAM J MARK ; WILLIAMS J MARK

Inventor(s): (std): WILLIAMS J MARK

Inventor(s): WILLIAM J MARK

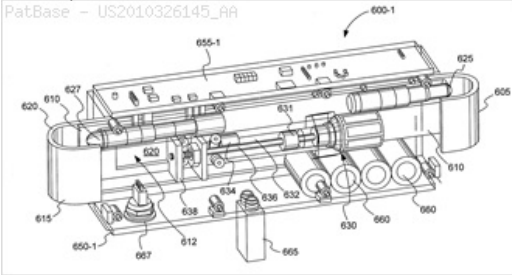
206) Family number: 47906475 (US2010326145A) © PatBase

Title: FLOATING J-HOOKS BETWEEN TWO BUSHINGS IN HOUSING WITH A SINGLE PISTON

Abstract: A lock mechanism for locking at least one door of a container in a closed position includes first and second members slidably coupled to each other to move relative to each other, a latching mechanism configured to prevent the two members from moving relative to each other in at least one direction when the latching mechanism is in a locked state, and first and second lock members, each of the lock members including a first end and a second end. The first ends of the first and second lock members protrude through the body. The second end of the first lock member is coupled to the first member of the locking mechanism and the second end of the second lock member being coupled to the second member of the locking mechanism. The first ends of the first and second lock members are configured to engage portions of the container to lock the at least one container door in a closed position. The body is sized and disposed to support the first and second lock members to prevent rotation of the first and second lock members about points where the first and second lock members are attached to the first and second members of the latching mechanism. The lock mechanism further includes a lock circuit at least partially enclosed within the body. The lock circuit includes a lock controller coupled to the latching mechanism and configured to receive commands related to the operation of the lock mechanism, wherein the lock controller is configured to cause the latching mechanism to be in the locked state in response to the received commands.

Classifications:
International (IPC 8-9): B65D55/14 E05B47/00 E05B49/00 E05B51/00 E05B51/02 E05B65/00 E05B65/14 E05B65/16 E05B73/00 E05B83/02 E05B83/04 E05B83/12 E05C19/18 G05B19/00 G05B23/00 G06F7/00 G06Q10/00 G07C3/00 G07C9/00 G08B13/00 G08B13/06 G08B13/08 G08B25/10 G08B29/00 (Advanced/Invention); E05B39/02 G08B1/08 (Advanced/Non-invention)
CPC: Y10S292/32 E05C19/18 E05B63/14 E05B2047/0074 G07C9/00174 E05B39/005 E05B51/02 E05B83/02 E05B2047/0057 E05B2047/0058 E05B2047/0069 E05B2047/0094 E05B2047/0096 E05B2047/0097 E05C19/186 G06Q10/087 G07C9/00896 G07C2009/00634 G07C2009/0092 G08B13/06 G08B25/10 E05B81/10 Y10T70/40 Y10T70/498 Y10T70/5031 Y10T70/554 Y10T70/5544 Y10T70/5566 Y10T70/5765 Y10T70/5779 Y10T70/5973 Y10T70/7051 Y10T70/7062 Y10T292/23 Y10T292/37 Y10T292/51 Y10T307/615 Y10T307/625

European: E05B39/00T E05B51/02 E05B83/02 E05C19/18C G06Q10/087 G07C9/00E G07C9/00E20 G08B13/06 G08B25/10 P05B47/00E2 P05B47/00E2B P05B47/00E6C P05B47/00R P05B47/00R2 P05B47/00V S07C9/00E10 S07C9/00E20D



US: 292/259.00R 292/259R 292/289 292/327 292/DIG.32 307/64 307/66 340/5.2 340/5.200S 340/5.64 340/5.640P
 340/539.1 340/539.16 340/540 340/571 70/14 70/158 70/158P 70/158S 70/159 70/159P 70/164 70/164P 70/209 70/212
 70/256 70/275 70/277 70/56 70/63 70/63P 70/DIG.48 70S/28 70S/28P

Family:

Publication number	Publication date	Application number	Application date
CA2766778 AA	20101229	CA20102766778	20100628
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GB2484240 B2	20141105	GB20120001308	20100628
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GB2484440 A1	20120411	GB20120001306	20100628
GB2484440 B2	20141105	GB20120001306	20100628
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US2010326145 AA	20101230	US20100825173	20100628
US2010326146 AA	20101230	US20100825195	20100628
US2010326147 AA	20101230	US20100825191	20100628
US2010328031 AA	20101230	US20100825177	20100628
US2010332359 AA	20101230	US20100825205	20100628
US2011005282 AA	20110113	US20100825123	20100628
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US8026792 BB	20110927	US20100825177	20100628
US8069693 BB	20111206	US20100825173	20100628
US8347659 BB	20130108	US20100825191	20100628
US8392296 BB	20130305	US20100825205	20100628
WO10151898 A1	20101229	WO2010US40262	20100628
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WO10151901 A1	20101229	WO2010US40266	20100628
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Priority:

US20090221000P 20090626	US20090221001P 20090626	US20090221003P 20090626
US20090287018P 20091216	US20090287029P 20091216	US20090287034P 20091216
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Probable Assignee: CUBIC CORP

Assignee(s): (std): BONNEAU WALTER C JR ; CUBIC CORP ; FRANKIE KEITH L ; POWERS DAVID R ; SPARKS JAMIE ; NEASHAM JON D ; KAMAI MOSES M ; ABERIZK DAVID K ; BERTUNA DANIEL ; BONNEAU JR WALTER C ; WADDELL STUART J ; WARF DONALD H ; WILSON SCOTT

Assignee(s): UNOMEDICAL LTD ; BONNEAU WALTER C ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; CONVATEC LTD ; CONVATEC TECHNOLOGIES INC ; UNOMEDICAL A S

Inventor(s): (std): ABERIZK DAVID K ; KAMAI MOSES M ; BONNEAU JR WALTER C ; WARF DONALD H ; POWERS DAVID R ; BERTUNA DANIEL ; FRANKIE KEITH L ; WADDELL STUART J ; WILSON SCOTT ; NEASHAM JON D ; SPARKS JAMIE ; BONNEAU WALTER C JR

Inventor(s): DAVID R POWERS ; MOSES M KAMAI ; JON D NEASHAM ; DONALD H WARF ; WALTER C BONNEAU JR ; KEITH L FRANKIE ; STUART J WADDELL ; DAVID K ABERIZK ; DANIEL BERTUNA ; SCOTT WILSON ; JAMIE SPARKS ; BONNEAU WALTER C

Agent(s): SMART AND BIGGAR; TOWNSEND AND TOWNSEND AND CREW LLP; KILPATRICK TOWNSEND AND STOCKTON LLP; FRANKLIN THOMAS D 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 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: Transformable locking device.

Abstract: The invention relates to a transformable locking device for room doors and security containers, with a double-beard customer lock and a double-beard management lock. The object of the invention is to simplify the operation of such locking devices and to relieve the service staff. This object is achieved in that attached to the rear side of the lock case (1) is a coin-operated lock, the release lever of which blocks the main bolt (2) of the lock in the closing direction until a coin is inserted.

Classifications:

International (IPC 8-9): E05B35/12 E05B9/02

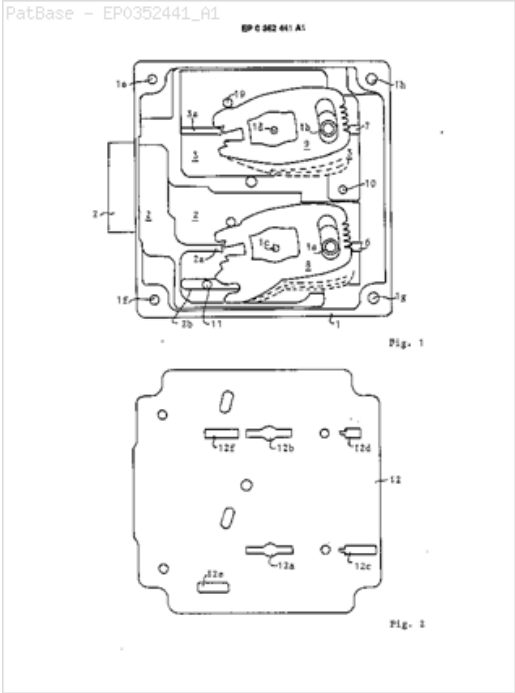
G07F17/14 (Advanced/Invention);

E05B35/00 E05B9/00 G07F17/00 (Core/Invention)

International (IPC 1-7): E05B33/00 E05B9/08 E05B9/2

CPC: E05B35/12 G07F17/14

European: E05B35/12 G07F17/14



Family:

Publication number	Publication date	Application number	Application date
AT82353 E	19921115	AT19890109986T	19890602
DE3825222 A1	19900201	DE19883825222	19880725
DE58902667 D1	19921217	DE19895002667	19890602
EP0352441 A1	19900131	EP19890109986	19890602
EP0352441 B1	19921111	EP19890109986	19890602
ES2035988 T3	19930501	ES19890109986T	19890602

Priority:

DE19883825222 19880725	DE19895002667 19890602	EP19890109986 19890602
EP19890109986 19890602	EP19890109986 19890602	

Probable Assignee:	MAUER GMBH
Assignee(s): (std):	MAUER GMBH
Assignee(s):	MAUER GMBH 5628 HEILIGENHAUS DE
Inventor(s): (std):	MAUER GUENTER ; MAUER GUNTER
Inventor(s):	MAUER GUENTER 5628 HEILIGENHAUS DE
Designated states:	AT BE CH DE ES FR GB GR IT LI LU NL SE

208) Family number: 12259476 (US5469657A) © PatBase

Title: SECURITY-TRANSFER SYSTEMS

Abstract: A security system controls two sliding (or other) doors 6 and 7 to allow only one door to be opened at a time. A pivoted bolt 13 is pushed by a mechanical link 16 into the opening-path of the door 6 when a lever 15 that abuts the leading-edge of the other door 7 pivots back upon opening movement of that door. A corresponding mechanism includes a link 26 which couples a pivoted bolt 23 to a lever 25 that abuts the door 6, such that the bolt 23 blocks opening of the door 7 when the door 6 begins to open. The mechanical links 16 and 26 may be replaced by hydraulic links.

Classifications:

International (IPC 8-9): E05C7/00 E05G7/00 (Advanced/Invention);

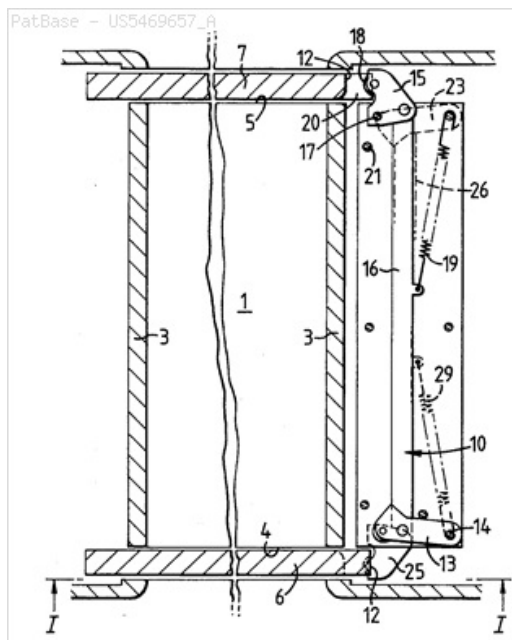
E05C7/00 E05G7/00 (Core/Invention)

International (IPC 1-7): E05B65/40 E05C7/06 E05G7/00 E06B7/00

CPC: E05C7/002 E05G7/005 Y10T292/0849

European: E05C7/00B E05G7/00D4

US: 292/45 49/68 49/680



Family:

Publication number	Publication date	Application number	Application date
GB2275305 A1	19940824	GB19940003421	19940223
GB2275305 B2	19961009	GB19940003421	19940223
GB9303626 A0	19930407	GB19930003626	19930223
GB9321553 A0	19931208	GB19930021553	19931019
GB9403421 A0	19940413	GB19940003421	19940223
US5469657 A	19951128	US19940199671	19940222

Priority:

GB19930003626 19930223 GB19930021553 19931019 GB19940003421 19940223

Probable Assignee: DREW ROGER C

Assignee(s): (std): DREW ROGER C ; DREW ROGER CHARLES

Assignee(s): ROGER CHARLES DREW

Inventor(s): (std): DREW ROGER CHARLES ; DREW ROGER C

Inventor(s): ROGER CHARLES DREW

209) Family number: 70559478 (ES1215679U)

© PatBase

Title: CIERRE DE SEGURIDAD PARA PUERTAS Safety lock for doors (Machine translation)

Abstract: Source: ES1215679U [ES] 1. Cierre de seguridad para puertas, que comprende un primer cuerpo (1) y un segundo cuerpo (2) con sendos medios de fijación (1.1, 2.1) a una primera puerta (3) y a un marco o segunda puerta (4) respectivamente, el primer cuerpo (1) está conformado en forma de carcasa y comprende un espacio interior (1.2) adaptado para alojar un saliente frontal (2.2) del segundo cuerpo (2), el saliente frontal (2.2) comprende al menos un orificio (2.21) adaptado para ser atravesado por unos medios de bloqueo (5) que retienen el saliente frontal (2.2) en el espacio interior (1.2), caracterizado porque el espacio interior (1.2) está conformado entre una primera pared lateral (1.3) del primer cuerpo (1) y un mecanismo de cerradura (6) dispuesto al interior de dicho primer cuerpo (1), y los medios de bloqueo (5) son un bulón (5.1) con un primer extremo (5.11) adaptado para ser retenido por el mecanismo de cerradura (6).

Machine translation: 1. Safety lock for doors, comprising a first body (1) and a second body (2) with respective fixing means (1.1, 2.1) to a first door (3) and a second door (4) frame or respectively, the first body (1) is formed in a housing and comprises an interior space (1.2) adapted to accommodate a front flange (2.2) of the second body (2), the front protrusion (2.2) comprises at least one hole (2.21) adapted to be crossed by locking means (5) that retain the front projection (2.2) in the interior space (1.2), characterized in that the interior space (1.2) is formed between a first side wall (1.3) of the first body (1) and a lock mechanism (6) disposed inside said first body (1), and the locking means (5) are a bolt (5.1) with a first end (5.11) adapted to be retained by the lock mechanism (6).

Classifications:

International (IPC 8-9): E05B83/02 (Advanced/Invention)

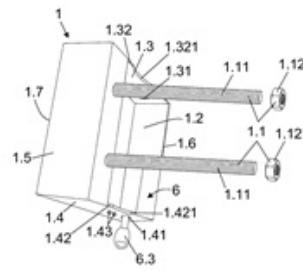


Fig.1

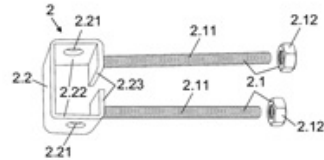


Fig.2

11

Family:

Publication number	Publication date	Application number	Application date
ES1215679 UA	20180723	ES20180030874U	20180608

Priority:

ES20180030874U 20180608

Probable Assignee:

SEGURIDAD FREMOES S L

Assignee(s): (std):

SEGURIDAD FREMOES S L

Assignee(s):

SEGURIDAD FREMOES SL

Inventor(s): (std):

FRESNEDA ORTEGA JULIO

Inventor(s):

JULIO FRESNEDA ORTEGA

Agent(s):

CAPITAN NURIA

210) Family number: 65364482 (US2017096838A)

© PatBase

Title: DUAL INPUT LOCK WITH REMOVABLE DIAL

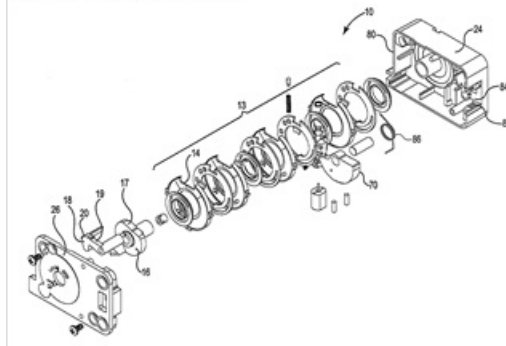
Abstract: A lock including a removable dial is provided. The lock includes locking means configured to lock and unlock a removable dial to replace the dial or to service the lock. The locking means are moveable between a first locked position and a second unlocked position in which the dial may be removed. The locking means may comprise a finger-actuated button that is biased in the locked position by compression means. The compression means may comprise a spring. Applying force to the button overcomes the counterforce being exerted by the compression means and the front facing dial can be easily removed. To replace the dial, force must again be applied to the locking means to move the locking means to the second unlocked position or alternatively the shaft of the dial is inserted into the housing and "snaps" into place.

Classifications:

International (IPC 8-9): E05B37/00 E05B37/08 E05B47/00 E05B49/00 E05B65/00 (Advanced/Invention)

CPC: E05B37/08 E05B47/0001 E05B65/0075 E05B49/00 E05B17/208 E05B37/0034 E05B47/0005 E05B47/0607 E05B2047/0085

US: 70/332

**Family:**

Publication number	Publication date	Application number	Application date
EP3167131 A1	20170517	EP20150849806	20151002
EP3167131 A4	20170517	EP20150849806	20151002
US2017096838 AA	20170406	US20150876312	20151006
WO17058243 A1	20170406	WO2015US53671	20151002

Priority:

WO2015US53671 20151002 US20150876312 20151006

Probable Assignee: MG TECH CENTER HODN LOCK TECHNOLOGY BV

Assignee(s): (std): GARTNER KLAUS W ; MG TECH CENTER H O D N LOCK TECH BV
Assignee(s): MG TECH CENTER HODN LOCK TECHNOLOGY BV
Inventor(s): (std): GARTNER KLAUS W
Agent(s): BATES ALAN DOUGLAS HENRY; WRIGLEY BARBARA A
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

211) Family number: 28444484 (EP1304439A2)

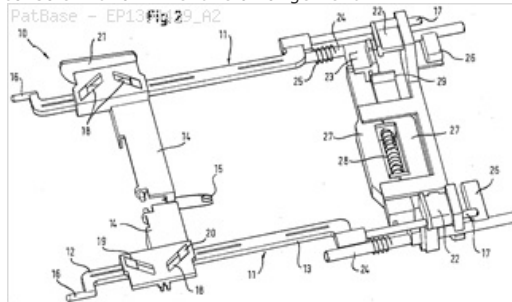
© PatBase

Title: LID OPENING MECHANISM AND VEHICLE CENTER CONSOLE

Abstract: The arrangement has parallel first and second pivot axes (11) movable individually between a first position, in which at least one of their free ends (16,17) is engaged with a bearing element on the second element of a pair including the cover and an associated container, and a second position, in which the axle is disengaged from the bearing element. <??>AN Independent claim is also included for the following: a vehicle center console with an inventive arrangement.

Classifications:

International (IPC 8-9): B60R11/02 B60R7/04 E05D15/50 (Advanced/Invention); B60R11/00 B60R11/02 E05F1/10 E05F15/12 (Advanced/Non-invention); B60R11/02 B60R7/04 E05D15/48 (Core/Invention); B60R11/00 B60R11/02 E05F1/00 E05F15/12 (Core/Non-invention)
International (IPC 1-7): B60R11/02 B60R7/04 E05D15/50
CPC: E05D15/502 B60R7/04 B60R11/0241 B60R2011/0007 B60R2011/0094 E05F1/10 E05F15/611 E05Y2900/538
European: B60R7/04 E05D15/50B L60R11/00P1B L60R11/00T L60R11/02G P05F1/10 P05F15/12 P05Y900/538



Family:

Publication number	Publication date	Application number	Application date
DE10151704 A1	20030508	DE20011051704	20011019
DE10151704 C2	20031023	DE20011051704	20011019
DE50202615 D1	20050504	DE20025002615	20021017
EP1304439 A2	20030423	EP20020023082	20021017
EP1304439 A3	20040107	EP20020023082	20021017
EP1304439 B1	20050330	EP20020023082	20021017

Priority:

DE20011051704 20011019 DE20025002615 20021017

Probable Assignee: DRAEXLMAIER LISA GMBH

Assignee(s): (std): DAIMLER CHRYSLER AG ; DRAEXLMAIER LISA GMBH

Assignee(s): LISA DRAEXLMAIER GMBH ; DAIMLERCHRYSLER AG

Inventor(s): (std): JONISCHKEIT CHRISTOPH ; VOLKMANN TILO ; WIMMER THOMAS

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

212) Family number: 51295485 (US2012146752A)

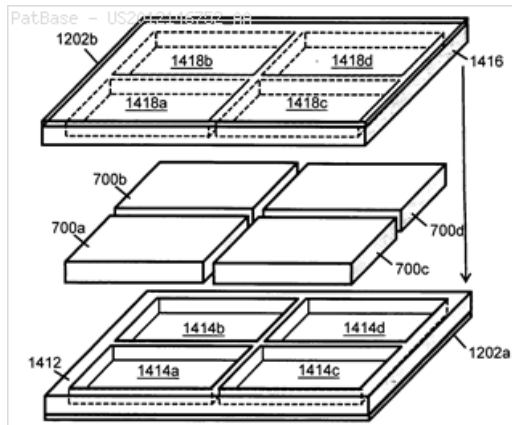
© PatBase

Title: SYSTEM AND METHOD FOR AFFECTING FLUX OF MULTI-POLE MAGNETIC STRUCTURES

Abstract: A shunt plate is provided that is associated with a first side of a multi-pole magnetic structure. The shunt plate provides a magnetic short between opposite polarity magnetic sources on the first side of said magnetic structure, the magnetic short causing a magnetic flux of said opposite polarity magnetic sources to be routed from said first side of the magnetic structure through said magnetic structure to the second side of said magnetic structure. The thickness of the shunt plate is selected by determining the integrated flux across a magnetic source of the magnetic structure such that the corresponding flux density in the shunt plate does not substantially exceed the flux density saturation level of a cross section of the shunt plate.

Classifications:

International (IPC 8-9): E03C1/04 E05C19/16 E06B5/00 F16K11/14 F16K31/08 G01R33/038 G06F1/16 H01F7/02 H01F7/04 H01F7/20 H01H1/00 H01H7/02 H05K9/00 (Advanced/Invention); E05B65/00 H01F3/12 (Advanced/Non-invention)
CPC: H05K9/00 H01F3/12 H01F7/0205 H01F7/0257 H01F7/04 H01F7/0242 Y10T137/86815 Y10T137/86823 G01R33/0385 H01F7/021 B23P15/001 E04F13/0883 F16K11/0787 F16K31/086 F16K31/088 F16K11/0782 E06B5/00 E05B65/006 E05C19/16 G06F1/1616 G06F1/1677 G06F1/1679 G09F7/04 H01F7/02 H01F7/0252 H01F7/0247
European: H01F7/02A T01F3/12
US: 1/1 137/625.4 137/625.41 335/219 335/285 335/295 335/296 335/301 335/302 335/306 335/306P 49/465



Family:

Publication number	Publication date	Application number	Application date
EP2820659 A2	20150107	EP20130754686	20130227
EP2820659 A4	20160413	EP20130754686	20130227
US2012146752 AA	20120614	US20110374074	20111209
US2013222091 AA	20130829	US20130779611	20130227
US2013269261 AA	20131017	US20130918921	20130615
US2014104022 AA	20140417	US20130103760	20131211
US2014145809 AA	20140529	US20130086924	20131121
US2014184368 AA	20140703	US20140198226	20140305
US2014191830 AA	20140710	US20130066426	20131029
US2014373950 AA	20141225	US20140472945	20140829
US2016298787 AA	20161013	US20160188760	20160621
US8576036 BB	20131105	US20110374074	20111209
US8779879 BB	20140715	US20130086924	20131121
US8841981 BB	20140923	US20130918921	20130615
US8957751 BB	20150217	US20130066426	20131029
US9202615 BB	20151201	US20130779611	20130227
US9202616 BB	20151201	US20130103760	20131211
US9371923 BB	20160621	US20140472945	20140829
WO13130667 A2	20130906	WO2013US28095	20130227
WO13130667 A3	20131107	WO2013US28095	20130227

Priority:

US20080123019P	20080404	US20080123718	20080520	US20090358423	20090123
US20090322561	20090204	US20090476952	20090602	US20090478911	20090605
US20090478950	20090605	US20090478969	20090605	US20090479013	20090605
US20090277214P	20090922	US20090277900P	20090930	US20090278767P	20091009
US20090279094P	20091016	US20090281160P	20091113	US20090283780P	20091209
US20090284385P	20091217	US20090289094P	20091222	US20100342988P	20100422
US20100885450	20100918	US20100403814P	20100922	US20100404147P	20100927
US20100895589	20100930	US20100952391	20101123	US20100459329P	20101210
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US20120351203	20120116	US20120604376P	20120228	US20120426909	20120322
US20120640979P	20120501	US20120481554	20120525	US20120744342P	20120924
US20120629879	20120928	US20120744864P	20121004	US20120796863P	20121121
US20120735460P	20121210	US20130759695	20130205	US20130779611	20130227
WO2013US28095	20130227	US20130794427P	20130315	US20130798233P	20130315
US20130798453P	20130315	US20130799507P	20130315	US20130800377P	20130315
US20130918921	20130615	US20130959649	20130805	US20130871689P	20130829
US20130035818	20130924	US20130045756	20131003	US20130066426	20131029
US20130086924	20131121	US20130103760	20131211	US20140198226	20140305
US20140472945	20140829	US201400188760	20160621		

Probable Assignee: CORRELATED MAGNETICS RESEARCH LLC

Assignee(s): (std): CORRELATED MAGNETICS RES LLC ; FULLERTON LARRY W ; ROBERTS MARK D

Assignee(s): CORRELATED MAGNETICS RESEARCH LLC

Inventor(s): (std): EVANS R SCOTT ; SWIFT WESLEY ; ZIMMERMAN JACOB S ; RICHARDS JAMES LEE ; FULLERTON LARRY W ; ROBERTS MARK D

Inventor(s): EVANS R

Agent(s): HOPPLER JUSTIN; THOMAS A; VENABLE LLP; ROBERT S; JAMES; WILLIAM J; VECTOR IP LAW GROUP; BABAYI ROBERT S

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

213) Family number: 30550489 (DE10246649A1)

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Title: A MULTI PURPOSE CONTACT PANEL FOR APARTMENT BLOCKS HAS FACILITY FOR HOLDING POST, PACKETS AND APARTMENT CALLING AND SPEAKING UNITS

Abstract: The panel has letter boxes (2) with flaps (25), keyhole (24) and indicator (20) and lockable (23) package storage boxes (3,4) and a panel to call individual apartments (8), a keypad (9), display indicator (11), microphone (18) and loudspeaker (19) as well as box selection buttons (12,13).

Classifications:

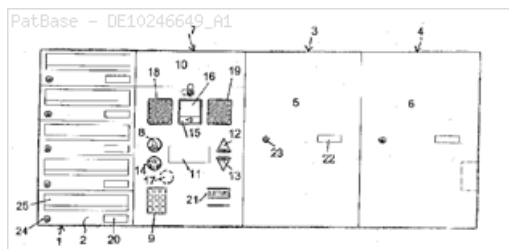
International (IPC 8-9): A47G29/12 E05G1/08

E05G1/10 (Advanced/Invention);

A47G29/00 E05G1/00 (Core/Invention)

International (IPC 1-7): A47G29/12 E05G1/08 E05G1/10

CPC: E05G1/08 E05G1/10 A47G29/16 A47G29/1201 A47G29/141



Family:

Publication number	Publication date	Application number	Application date
DE10246649 A1	20040506	DE20021046649	20021007
DE10246649 B4	20130411	DE20021046649	20021007

Priority:

DE20021046649 20021007

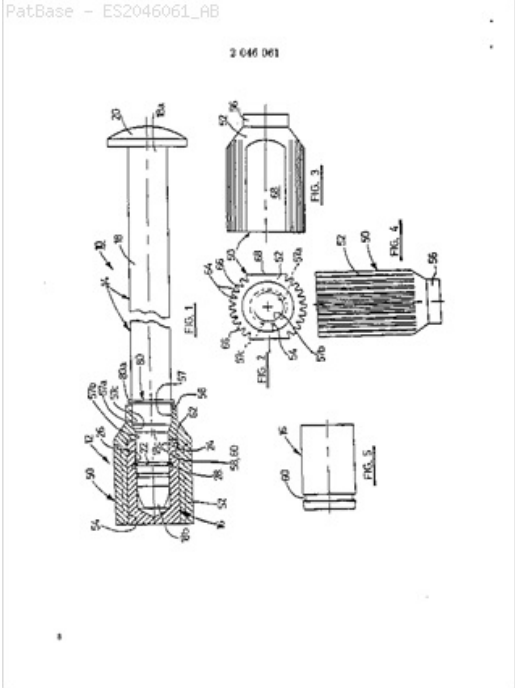
Probable Assignee: CLAUSEN OLAF
Assignee(s): (std): CLAUSEN OLAF
Assignee(s): CLAUSEN
Inventor(s): (std): CLAUSEN OLAF

214) Family number: 15499493 (ES2046061A) © PatBase

Title: Visual indicator of improper handling of a seal.

Abstract: Visual indicator of improper handling of seals, where the seal has a body in which is housed the end of a stud, preventing it from being extracted. The indicator has a brittle mortise superimposed on the body, and also having a fragile, brittle flange in the mortise that encircles the stud, cracking, deforming or breaking the mortise and the flange when a force of low magnitude is applied to the upper part or between the flange and the stud, when it is intended to force the seal, the indicator also including devices that react when an attempt is made to remove the body of the mortise, leaving the portion of the part on which the flange is retained on the body with which the flange or the mortise comes out, is cracked or broken.

Classifications:
International (IPC 8-9): E05B39/00 (Advanced/Invention);
E05B39/00 (Core/Invention)
International (IPC 1-7): E05B39/00



Family:

Publication number	Publication date	Application number	Application date
ES2046061 AB	19940116	ES19910001116	19910507
ES2046061 AC	19960401	ES19910001116	19910507
ES2046061 BA	19961116	ES19910001116	19910507

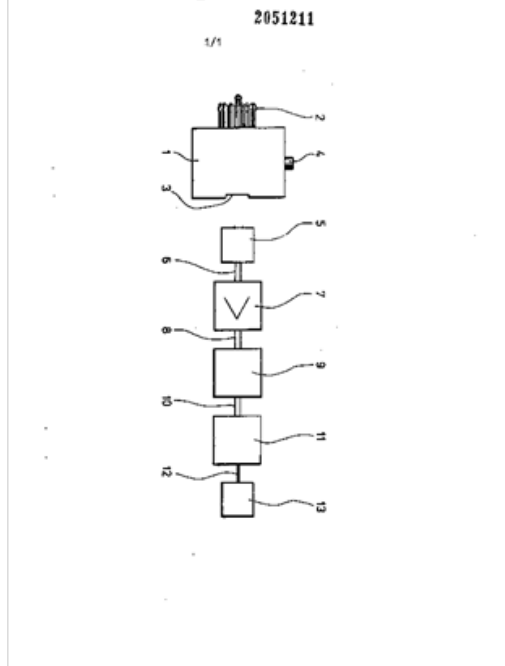
Priority:
ES19910001116 19910507
Probable Assignee: BROOKS TODO SEGURIDAD EN ESPA
Assignee(s): (std): BROOKS TODO SEGURIDAD EN ESPA ; BROOKS TODO SEGURIDAD ESPANA
Assignee(s): BROOKS TODO SEGURIDAD EN ESPANA S A
Inventor(s): (std): BAUCCELLS GRANELL JAIME ; BAUCCELLS GRANELL

215) Family number: 1775494 (GB2051211A) © PatBase

Title: SECURITY DEVICE

Abstract: A security device for preventing access to an enclosure, comprising an actuating member which actuates a lock to lock or unlock a locking mechanism 13. The actuating member comprises a transmitter 1 which emits a coded signal, and the lock comprises a receiver 5 and 7, which responds to the coded signal, to lock or unlock the locking mechanism 13, the receiver 5 and 7 being mounted in use within the enclosure.

Classifications:
International (IPC 8-9): B60R25/10 B60R25/20
G07C9/00 (Advanced/Invention)
International (IPC 1-7): B60R25/00 E05B35/00 E05B47/00
E05B47/02 E05B65/12 E05B65/20 E05B65/36
CPC: B60R25/1003 B60R25/20 G07C9/00182 G07C2009/00587
G07C2009/00603 G07C2009/00785 G07C2009/00801
European: B60R25/10B B60R25/20 G07C9/00E2 S07C9/00E14C4
S07C9/00E14C8 S07C9/00E8B S07C9/00E8D

**Family:**

Publication number	Publication date	Application number	Application date
CH647297 A	19850115	CH19800001380	19800220
DE2906665 A1	19800828	DE19792906665	19790221
DE2906665 C2	19850704	DE19792906665	19790221
FR2449771 A1	19800919	FR19800003585	19800219
GB2051211 A1	19810114	GB19800005602	19800219
GB2051211 B2	19821020	GB19800005602	19800219
IT1140641 A	19861001	IT19800020013	19800219
IT8020013 A0	19800219	IT19800020013	19800219

Priority:

DE19792906665 19790221

Probable Assignee: APAG ELEKTRONIK AG**Assignee(s):** (std): APAG ELEKTRONIK AG ; APAG ELEKTRONIK GRABS AG**Assignee(s):** APAG ELEKTRONIK GRABS SANKT GALLEN CH AG ; APAG ELEKTRONIK AG GRABS SANKT GALLEN CH**Inventor(s):** (std): BEANTRAGT NICHTNENNUNG ; ERFINDER HABEN AUF NENNUNG VER ; GERHARD ZEEB ; HOURNUNG SIEGFRIED ; SIEGFRIED HOURNUNG ; VERZICHTET ERFINDER HABEN AUF ; ZEEB GERHARD**Inventor(s):** 02 ERFINDER HABEN AUF NENNUNG VERZICHTET ; VERZICHT DES ERFINDERS AUF NENNUNG**216) Family number: 65498495 (US2017114569A)**

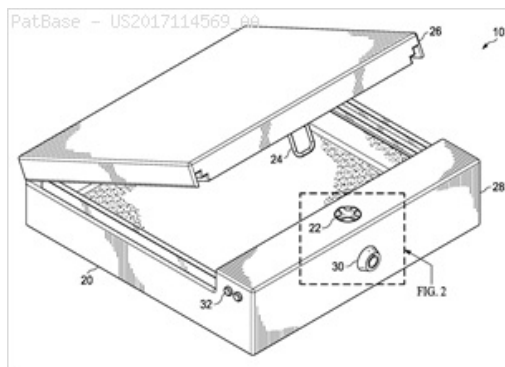
© PatBase

Title: DIRECTIONALLY-CONTROLLED LOCKING SYSTEM AND METHOD

Abstract: A locking system includes an actuator for controlling actuation of a locking mechanism. An electronic control system controls the actuator. A directional input device is operable to receive directional inputs from a user where the directional inputs form an access code stored in a memory of the electronic control system and used for controlling the actuation of the locking mechanism.

Classifications:

International (IPC 8-9): E05B17/00 E05B17/10 E05B47/00
 E05B49/00 E05B65/00 G06F3/0338 G06F3/16 (Advanced/Invention)
CPC: G06F3/0338 E05B17/0083 E05B17/10 E05B47/0012 E05B65/52
 E05B2047/0057 E05B2047/0058 E05B2047/0084 G07C9/00658
 G06F3/16 G07C9/00666 G07C9/00912 G07C2209/62
US: 70/278.1

**Family:**

Publication number	Publication date	Application number	Application date
US2017114569 AA	20170427	US20160331488	20161021

Priority:

US20150244258P 20151021

US20160331488 20161021

Probable Assignee:

KLEINJAN COBY

Assignee(s): (std): KLEINJAN COBY
Inventor(s): (std): KLEINJAN COBY

217) Family number: 15305503 (US6553798B)

© PatBase

Title: DOOR BLOCK FOR CONTAINER

Abstract: A door block (9) serving for blocking a door (2), which is side-hinged on a casing (3) around an opening in a container wall, against being opened by unauthorized persons. The door block comprises a rotatable closing rod (5), a handle (6) on the closing rod and a cam (7) fitted on the closing rod for engaging a keeper (8) on the casing when the door is closed and the closing rod rotated into closed position by means of the handle. The door block furthermore comprises a, seen in cross section, mainly U-shaped covering (14) having a body (16) and two flaps (17) projecting from this body, and in the blocking position extending across the closing rod with a piece of this rod located in flushing cuts (18) in the flaps and the handle encompassed between the body and the flaps; a catch hook (19) pivotally mounted in the covering for locking the closing rod in the cuts of the flaps by means of a projection (26) on the catch hook; and a lock (13) for locking the catch hook in its locking position. The door block has a simple and effective structure. It is easy to apply as it does not require any use of tools nor any kind of manipulation in the structure of the respective door. It is furthermore difficult to break open, and a possible burglary is clearly revealed by the condition in which the door block will be left by the burglary.

Classifications:

International (IPC 8-9): E05B13/00 E05B65/16 E05B83/10

E05C19/18 (Advanced/Invention);

E05B65/16 E05B83/10 (Advanced/Non-invention);

E05B13/00 E05B65/12 E05C19/00 (Core/Invention);

E05B65/12 (Core/Non-invention)

International (IPC 1-7): B60R25/02 E05B13/00 E05B65/16

CPC: Y10T70/498 Y10T70/5774 Y10T70/7921 Y10T292/1039

E05B13/002 E05B83/10 E05C19/18

European: E05B13/00C E05C19/18 P05B83/10

US: 292/240 70/211 70/417 70/56 702/110

PatBase - US6553798_BA

U.S. Patent Apr. 26, 2003 Sheet 1 of 6 US 6,553,798 B1

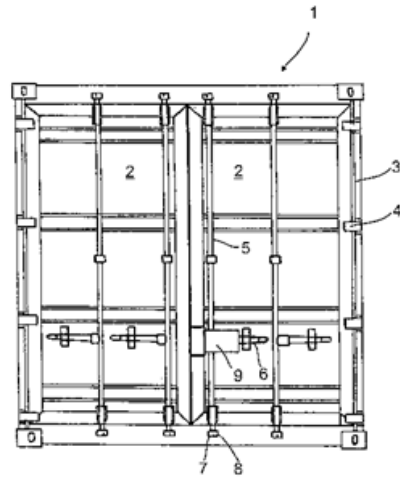


Fig. 1

Family:

Publication number	Publication date	Application number	Application date
AT291671 E	20050415	AT20000956147T	20000901
AU200068204 A1	20010424	AU20000068204	20000901
AU200068204 A5	20010424	AU20000068204D	20000901
AU771882 B2	20040408	AU20000068204	20000901
DE60018954 D1	20050428	DE20006018954	20000901
DE60018954 D1	20050428	DE20006018954T	20000901
DE60018954 T2	20060413	DE20006018954T	20000901
DK1218611 T3	20050606	DK20000956147T	20000901
EP1218611 A1	20020703	EP20000956147	20000901
EP1218611 B1	20050323	EP20000956147	20000901
ES2240147 T3	20051016	ES20000956147T	20000901
ES2240147 T4	20071001	ES20000956147T	20000901
PT1218611 T	20050831	PT20000956147T	20000901
US6553798 BA	20030429	US20000654045	20000901
WO0121914 A1	20010329	WO2000DK00480	20000901

Priority:

DK19990001348 19990922 WO2000DK00480 20000901

Probable Assignee: LARSEN ALLAN

Assignee(s): (std): KUMMERFELDT HENNING ; LARSEN ALLAN R ; LARSEN ALLAN

Assignee(s): ALLAN R LARSEN ; HENNING KUMMERFELDT

Inventor(s): (std): ALLAN R LARSEN ; HENNING KUMMERFELDT ; LARSEN ALLAN R ; KUMMERFELDT HENNING

Agent(s): SPRUSON AND FERGUSON; FISHER ADAMS KELLY; FISHER ADAMS KELLY PTY LTD; FISHER ADAMS KELLY CALLINANS

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 CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN 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 NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Title: DOOR CONTROL MECHANISM

Abstract: A door control mechanism including a shaft with a vertical axis of rotation, bearing members adjacent to opposite ends of the shaft which rotatably connect the shaft to a swinging door and a means for rotating said shaft along its longitudinal axis. Latch members are secured to the shaft at opposite ends and keeper members are secured to structure adjacent to opposite edge portions of the door which extend transverse to the pivotal axis of the door. A discrete security locking means connected to the shaft intermediate the means for rotating said shaft about its longitudinal axis and an upper end of the shaft is also included.

Classifications:

International (IPC 8-9): E05B65/16 (Advanced/Invention);

E05B67/38 (Advanced/Non-invention);

E05B65/12 (Core/Invention);

E05B67/00 (Core/Non-invention)

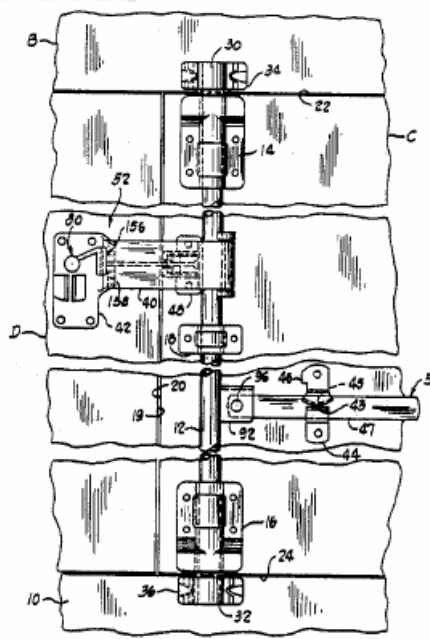
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CPC: E05B83/10 E05B67/383 Y10T292/081 Y10T292/1049 Y10T292/702

European: E05B83/10 P05B67/38B

US: 292/11 292/218 292/341.17

PatBase - US4877276_A

**Family:**

Publication number	Publication date	Application number	Application date
US4877276 A	19891031	US19870056345	19870527

Priority:

US19850804885 19851205

Probable Assignee:

EASTERN CO

Assignee(s): (std):

EASTERN CO

Assignee(s):

THE EASTERN COMPANY

Inventor(s): (std):

PASTVA JOHN V

Title: DISPOSICAO CONSTRUTIVA EM TRAVA DE SEGURANCA COM ABERTURA E LOCALIZACAO REMOTA

Abstract: Source: BRMU8601581Y [PT] disposicao construtiva em trava de seguranca com abertura e localizacao remota. trava de seguranca concebida para atuar de forma independente, conjugando internamente dispositivos que possibilitem sua abertura/fechamento e sua localizacao a distancia remotamente. conjuga em um mesmo objeto, o rastreador (equipamento que recebe/envia informacoes tais como localizacao, comandos de abertura/fechamento da trava), um modulo de reles (caixa que recebe o comando do rastreador e ao ser ativado envia tensao 12/24v para o motor da trava) e a propria trava que aloca todos estes componentes em sua base, que ficam protegidos pela tampa. este modelo e formado pela base (1) que aloca os mancais dianteiro (8) e traseiro (9) que tem como funcao guiar o eixo (4) que desliza-se dentro dos furos guias presentes nos mesmos. o eixo (4) e acionado atraves do motor (7) que tem seu acionamento controlado pelas chaves fim-de-curso dianteira (8) e traseira (9) que recebem tensao atraves dos fios m1 e m2 do modulo de reles (10) devido o mesmo receber um sinal do modulo rastreador (12), ativando todo o sistema. o modulo rastreador (12) possui uma antena gps (13) e uma antena gsm (14) que servem para fazer a comunicacao e a localizacao da trava. a tampa (32) serve para proteger todo o conjunto na qual a mesma e fixada na base (1) por quatro parafusos de seguranca (33). as travas trabalham com tensoes de 12 e 24v e podem ser aplicadas em diversos tipos de applicacoes, na linha patrimonial em portas e cofres e na linha automotiva em caminhoes bau e carretas.

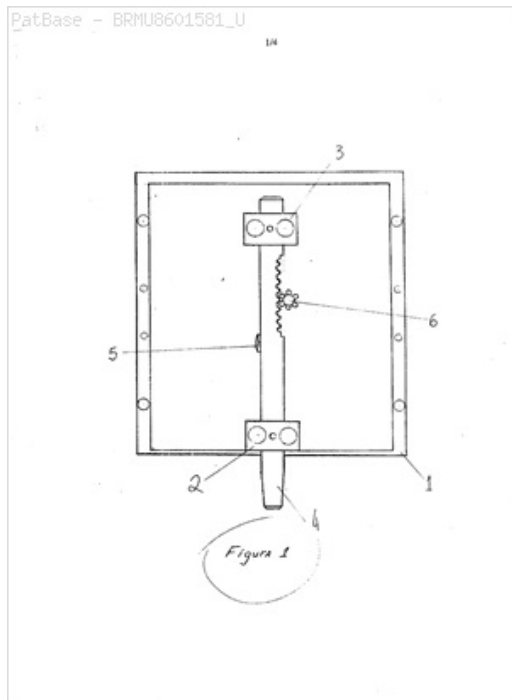
Classifications:

International (IPC 8-9): E05B47/00 E05B65/16

E05B83/02 (Advanced/Invention);

E05B47/00 E05B65/12 (Core/Invention)

International (IPC 1-7): E05B47/00

**Family:**

Publication number	Publication date	Application number	Application date
BRMU8601581 U	20080401	BR2006MU01581U	20060808
BRMU8601581 Y1	20181106	BR2006MU01581U	20060808

Priority:

BR2006MU01581U 20060808

Probable Assignee: ROGUSTEC IND E COM LTDA ME**Assignee(s):** (std): ROGUSTEC IND E COM LTDA ME ; ROGUSTEC IND E COMERCIO LTDA ME**Assignee(s):** ROGUSTEC INDUSTRIA E COMERCIO LTDA ME**Inventor(s):** (std): JOAO LOPES MOREIRA JUNIOR ; MOREIRA JOAO LOPES JUNIOR**220) Family number: 40924510 (WO07140532A1)**

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Title: HANDLE ARRANGEMENT

Abstract: A handle arrangement (10) comprising a dish (100) having a perimeter flange (101), at least one sidewall (102a), a dish floor (103) and a recessed area (104) defined by the at least one sidewall (102a) and the dish floor (103); a handle assembly (31), at least partially receivable within the recessed area (104) of the dish (100); an independent locking mechanism (90) fitted to said handle assembly (31); and an engagement means (61) working in cooperation with the locking mechanism (90) to place the handle arrangement (10) in a locked condition.

Classifications:

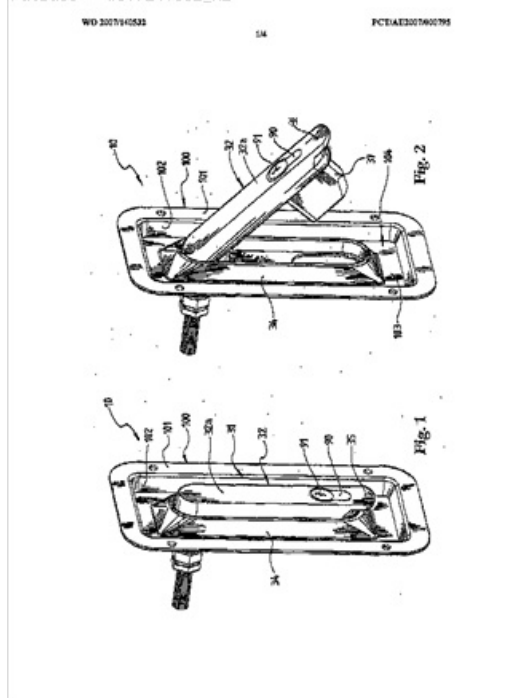
International (IPC 8-9): E05B1/00 E05B13/00 E05B13/10 E05B5/00 E05B5/02 (Advanced/Invention);

E05B1/00 E05B13/00 E05B5/00 (Core/Invention)

CPC: E05B1/0092 E05B13/10 E05B47/0657

European: E05B1/00T E05B47/06D P05B13/10

PatBase - WO07140532_A1

**Family:**

Publication number	Publication date	Application number	Application date
AU2007257332 AA	20071213	AU20070257332	20070606
AU2007257332 BB	20120809	AU20070257332	20070606
WO07140532 A1	20071213	WO2007AU00795	20070606

Priority:

AU20060903067 20060606 AU20070257332 20070606 WO2007AU00795 20070606

Probable Assignee: BURGUNDY TRIAL PTY LTD

Assignee(s): (std): BURGUNDY TRIAL PTY LTD ; DAVID STUCKEY INVEST PTY LTD ; STUCKEY DAVID MARTIN

Assignee(s): DAVID STUCKEY INVESTMENTS PTY LTD

Inventor(s): (std): STUCKEY DAVID MARTIN

Inventor(s): DAVID MARTIN STUCKEY

Agent(s): HOULIHAN²; HOULIHAN²; HOULIHAN² PTY LTD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU 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 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 SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

221) Family number: 17751516 (DE29616312U1)

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Title: Door latch plate

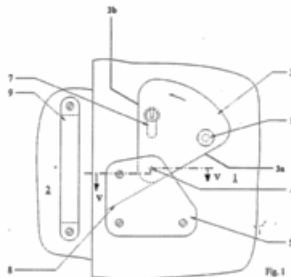
Abstract: Source: DE29616312U1 [DE] (Claim 1) 1. Tuer, insbesondere Wohnungstuer, mit einemTuerschloss und einem als Anbauteil ausgefuehrten Tuerriegel mit einem zwischen einer die Tuerfreigebenden Offenstellung und einer die Tuer verschliessenden Verriegelungsstellungbeweglichen Schliessglied, wobei das Schliessglied in der Offenstellung das Schluesselloch des Schlosses zumindest teilweiseverdeckt und in der Verriegelungsstellung das Schluesselloch nicht verdeckt, dad u r c h gekennzeichnet et, dass das Schliessglied in beiden Stellungen, vorzugsweiseschwerkraftbelastet, eine stabile Lage einnimmt -

Machine translation: (Claim 1) 1 Tuer, especially Wohnungstuer with einemTuerschloss and subsequently performed as an attachment Tuerriegel with be closed between the Tuerfreigebenden open position and the door locked position movable closing member, wherein the closing member in the open position the keyhole of the lock, at least partially covered and in the locked position, the keyhole is not covered, dad et hrough marked containers that the closing member in both positions, preferably heavy-loaded, one stable position einnimmt -

Classifications:

International (IPC 8-9): E05B11/00 E05B13/06 E05B17/00 E05C3/04 (Advanced/Invention); E05B11/00 E05B13/00 E05B17/00 E05C3/00 (Core/Invention)
International (IPC 1-7): E05B13/00 E05B13/06
CPC: E05B11/00 E05B17/005 E05C3/044
European: E05B11/00 E05B17/00L E05C3/04B4

PatBase - DE29616312_U1



Family:

Publication number	Publication date	Application number	Application date
DE29616312 U1	19970220	DE19962016312U	19960919

Priority:

DE19962016312U 19960919

Probable Assignee: LEISTER HERBERT

Assignee(s): (std): LEISTER HERBERT

Assignee(s): LEISTER HERBERT 22081 HAMBURG DE

222) Family number: 6418521 (GB2213134A)

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Title: Freight containers

Abstract: A freight container has a hinged door 6, a locking device 14 fixed to the door 6 and operating means 17 accessible from the outside when the door 6 is shut, for operating the locking device 14. The door includes strengthening ribs 9 and the locking device is located inside the exterior structural wall of the door 6. Two doors 6, 7 arranged to lie alongside respective sides of the container when open may be provided.

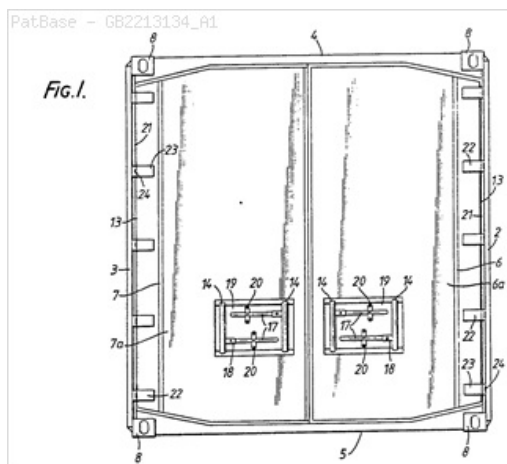
Classifications:

International (IPC 8-9): E05B65/16 (Advanced/Invention)

International (IPC 1-7): B65D90/00

CPC: E05B83/10

European: E05B83/10



Family:

Publication number	Publication date	Application number	Application date
GB2213134 A1	19890809	GB19880027832	19881129
GB2213134 B2	19910703	GB19880027832	19881129
GB8728256 A0	19880106	GB19870028256	19871203
GB8827832 A0	19881229	GB19880027832	19881129

Priority:

GB19870028256 19871203 GB19880027832 19881129

Probable Assignee: BELL LINES LTD

Assignee(s): (std): BELL LINES LTD

Assignee(s): BELL LINES LIMITED

Inventor(s): (std): HARRISON WILLIAM MICHAEL

Inventor(s): WILLIAM MICHAEL HARRISON

223) Family number: 31957524 (US2001002451A)

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Title: METHOD AND APPARATUS FOR CONTROLLING A VEHICULAR COMPONENT

Abstract: Control system and method for controlling a part of the vehicle in which sensor systems are mounted at different locations on the vehicle, each sensor system providing a measurement related to a state of the sensor system or a measurement related to a state of the mounting location. A processor coupled to the sensor systems diagnoses the state of the vehicle based on the measurements of the sensor system, e.g., by the application of a pattern recognition technique. The processor controls the part based at least in part on the diagnosed state of the vehicle. At least one of the sensor systems may be a high dynamic range accelerometer or a sensor selected from a group consisting of a single axis acceleration sensor, a double axis acceleration sensor, a triaxial acceleration sensor and a gyroscope, and may optionally include an RFID response unit.

Classifications:

International (IPC 8-9): B60C11/24 B60C19/00 B60C23/04

B60C23/06 B60J10/00 B60J7/057 B60K28/16 B60N2/00 B60N2/015

B60N2/02 B60N2/06 B60N2/28 B60N2/48 B60N2/66 B60Q1/14

B60R16/02 B60R16/037 B60R21/01 B60R22/20 E05F15/00

G01F23/00 G01F23/20 G01F23/296 G01G19/414 G01N11/00

G01N29/02 G01N33/00 G01S15/04 G01S15/42 G01S15/87

G01S15/88 G01S17/02 G01S17/88 G01S7/41 G01S7/48 G01S7/539

G06F3/023 G06K9/00 G07C5/00 G07C5/08 G08B13/14 G08B29/18

G08C19/00 H01Q1/32 (Advanced/Invention);

B60R1/12 B60R21/013 B60R21/0132 B60R21/0134 B60R21/015

B60R21/16 B60R21/20 B60R21/203 B60R21/215 B60R21/231

B60R21/26 B60R21/276 B60R22/28 B60R22/46 B60R22/48

G01S13/04 G01S15/06 G01S17/89 (Advanced/Non-invention);

B60C11/24 B60C19/00 B60C23/02 B60C23/06 B60J10/00 B60J7/04

B60N2/00 B60N2/005 B60N2/02 B60N2/06 B60N2/26 B60N2/48

B60N2/64 B60Q1/14 B60R16/02 B60R16/037 B60R21/01 B60R22/18

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G01S7/539 G06F3/023 G06K9/00 G07C5/00 G08B13/14 G08B29/00

G08C19/00 H01Q1/32 (Core/Invention);

B60R1/12 B60R21/013 B60R21/0132 B60R21/0134 B60R21/015

B60R21/16 B60R21/20 B60R21/23 B60R21/26 B60R22/00

B60R22/28 B60R22/46 G01S13/00 (Core/Non-invention)

International (IPC 1-7): G06F11/00 G06F7/00 G08C19/00

CPC: G01N35/00871 G01N2291/02836 G01N2291/02845

G01N2291/02881 B60N2002/0272 B60R21/013 B60N2/002

B60N2/015 B60N2/0244 B60N2/0248 B60N2/0252 B60N2/067

B60N2/28 B60N2/2806 B60N2/66 B60N2002/0268 B60Q1/143

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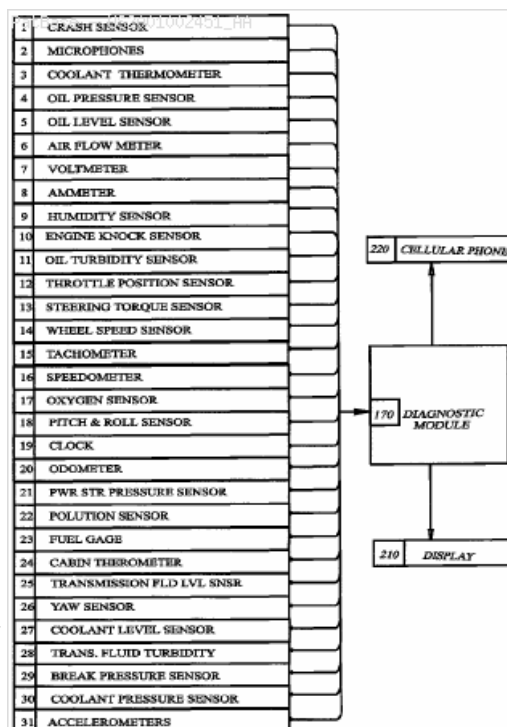
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E05Y2900/542 E05Y2900/55 G01S7/417 G01S7/4802 G01S7/539 G01S13/04 G01S15/04 G01S15/06 G01S15/42 G01S15/87
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G06K9/00624 G06K9/00832 G08B13/1427 G08B21/0286 G08B29/181 G10K2210/1282 G10K2210/3219 H01Q1/3291
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US: 180/197 280/735 280/735S 307/9.1 340/12.25 340/13.31 340/13.310P 340/5.61 340/5.64 340/5.7 340/5.71 340/5.710S
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73/53.01 73/53.010S 73/61.41 73/61.410P 73/625 73/625S

Family:

Publication number	Publication date	Application number	Application date
US2001002451 AA	20010531	US20010753186	20010102
US2003176959 AA	20030918	US20020330938	20021227
US2005046584 AA	20050303	US20040940881	20040913
US2006180371 AA	20060817	US20060278188	20060331
US2008047329 AA	20080228	US20070924197	20071025
US6484080 BB	20021119	US20010753186	20010102
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Priority:

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Probable Assignee: AMERICAN VEHICULAR SCIENCES LLC

Assignee(s): (std): AUTOMOTIVE TECH INT ; BREED DAVID S ; INTELLIGENT TECH INT INC

Assignee(s): AMERICAN VEHICULAR SCIENCES LLC ; INTELLIGENT TECHNOLOGIES INTERNATIONAL INC ; INTELLIGENT TECHNOLOGIES INT INC ; INTELLIGENT TECHNOLOGIES INT ; AUTOMOTIVE TECHNOLOGIES INT ; AUTOMOTIVE TECHNOLOGIES INT INC ; AUTOMOTIVE TECHNOLOGIES INTERNATIONAL INC ; AUTOMOTIVE TECHNOLOGIES INTIONAL

Inventor(s): (std): DUVALL WILBUR E ; JOHNSON WENDELL C ; BREED DAVID S

Inventor(s): BREED DAVID ; DUVALL WILBUR ; JOHNSON WENDELL

Agent(s): BRIAN ROFFE ESQ; BRIAN

Abstract: The system for automatically dispensing medications or other medical elements includes several groupings, i.e. vaults, of storage members, each vault containing approximately 100 individual cartridges, which each contain packages of unit-of-use doses of a given medication or other medical supply, such as syringes. Each storage member includes an ejector which ejects selected medications/supplies to a supply trough. The packages in the trough are moved to a central collator, which dispenses them to a bin receptacle which has been moved underneath the collator and which is typically identified with a particular patient. Information concerning medications/supplies for a particular patient is stored in a system database and used to determine the particular medications/supplies dispensed into a given bin. Bar coding is used to maintain control over the bins, and the medications, forming a closed information/control system. Particular medications and/or supplies which are not available in the automatic dispensing system are supplied from a supplemental medications cart which has been previously stocked with the correct additional medications by virtue of information from a control computer. The filled bins are transferred to a medication cart which can only be accessed as a result of a command signal after a particular patient and his/her associated bin have been matched. A nurse, having access to the correct bin and sector thereof, removes the medications from the cart and administers them to the patient.

Classifications:

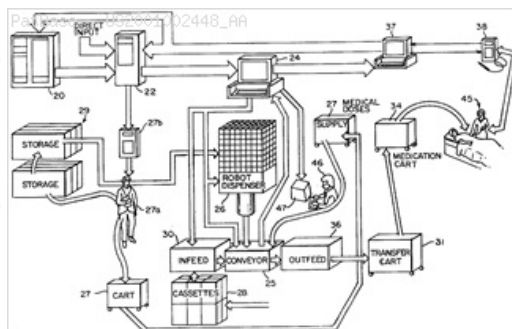
International (IPC 8-9): A61J3/00 A61J7/00 A61J7/04 B65D81/00 B65D83/04 B65G49/00 E05B75/00 G06F17/00 G06F19/00 G07F11/00 G07F11/62 G07F17/00 G07F7/06 G07F9/02 (Advanced/Invention); A61J3/00 (Advanced/Non-invention); A61J3/00 A61J7/00 B65D81/00 B65D83/04 B65G49/00 E05B75/00 G06F17/00 G06F19/00 G07F11/00 G07F7/00 G07F9/02 (Core/Invention)

International (IPC 1-7): A61J3/00 A61J7/04 B65D1/00 B65D81/00 B65D83/04 B65G49/00 E05B75/00 G06F17/00 G06F19/00 G07F11/00 G07F17/00

CPC: G07F17/0092 G06F19/3418 G06F19/3462 G07F7/069 G07F9/02 G07F11/62

European: A61J7/00F1 G06F19/34L1 G07F11/62 G07F17/00P G07F7/06D G07F9/02 S06F19/34C

US: 221/2 221/3 700/225 700/225S 700/231 700/233 700/233P 700/243 700/243P



Family:

Publication number	Publication date	Application number	Application date
AU199942076 A1	19991213	AU19990042076	19990526
AU768321 B2	20031211	AU19990042076	19990526
CA2333395 AA	20001124	CA19992333395	19990526
CA2333395 C	20081230	CA19992333395	19990526
EP1121296 A2	20010808	EP19990925875	19990526
EP1121296 A4	20091021	EP19990925875	19990526
EP1121296 B1	20170510	EP19990925875	19990526
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Priority:

US19980085968 19980527 EP19990925875 19990526 WO1999US11631 19990526
US20000753314 20001229 US20000753315 20001229

Probable Assignee: OMNICELL INC

Assignee(s): (std): SMITH MICHAEL F ; NEXTRX CORP ; OMNICELL INC ; WILSON JOHN R ; WILSON RONALD H

Assignee(s): WELLS FARGO BANK NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS ; AHLIN ARNOLD C ; AHLIN ARNOLD C DECEASED ; AMERICAN BIOROBOTICS CORP ; IMP BANK ; AHLIN MARILYNN

Inventor(s): (std): AHLIN ARNOLD C ; WILSON RONALD ; WILSON JOHN ; SMITH MICHAEL ; WILSON RONALD H ; WILSON JOHN R ; SMITH MICHAEL F ; AHLIN ARNOLD ; AHLIN MARILYNN ; AHLIN ARNOLD C DI

Inventor(s): ARNOLD C DI AHLIN ; RONALD H WILSON ; MICHAEL F SMITH ; JOHN R WILSON ; ARNOLD C AHLIN ; AHLIN ARNOLD C DECEASED

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; FPA PATENT ATTORNEYS PTY LTD; RIDOUT AND MAYBEE LLP; GILL JENNINGS AND EVERY LLP; CHIBA AKIO; ONO SHINJIRO; SHAMOTO ICHIO; KOBAYASHI YASUSHI; TOMITA HIROYUKI; MIYAMAE TORU

Designated states: AT AU BE CA CH CY DE DK ES FI FR GB GR IE IT JP LI LU MC NL NZ PT SE SG

225) Family number: 421530 (DE1944052B1)

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Title: WANDSAFE ZUR VERWAHRUNG VON WERTSACHEN WALL SAFE FOR CUSTODY OF VALUABLES (Machine translation)

Abstract: Source: DE1944052B1 [DE] (Claim 1) 1. Wandsafe zur Verwahrung von Wertsachen, bestehend aus einem nach einer Seite offenen, kastenfoermigen Behaelter, der an zwei gegenueber liegenden oeffnungsraendern Profileleisten aufweist, welche mit einer sich in Laengsrichtung erstreckenden Nut ausgebildet sind, und der mittels einer Tuer verschliessbar ist, die auf ihrer Innenseite eine von aussen und von Hand betaeetigbare, mit einer der Profileleisten zusammenwirkende Verriegelungsaufweist, dadurch gekennzeichnet, dass die Nuten (21) in der Verschlussebene der Tuer (17) liegen, dass die Tuer mit ihrem einen Rand in die auf der Riegelseite befindliche Nut (21) einschiebbar und in die Verschlussebene schwenkbar ist und dass bei Betaetigung der Riegelvorrichtung (27) der Riegel (28) die Tuer entgegen seiner Verriegelungsrichtung um ein solches Mass verschiebt, dass der andere, dem Riegel abgewandte Rand der Tuer in die entsprechende Nut der anderen Profileiste (20) eingeschoben wird, waehrend der auf der Riegelseite befindliche Rand der Tuer noch um ein ausreichendes Mass innerhalb der ihm zugeordneten Nut verbleibt.

Machine translation: (Claim 1) 1 Wall safe for safekeeping of valuables, consisting of one to one side open, box-shaped container having two opposite openingsraendern moldings, which are a located trained in Laengsrichtung erstreckender groove, and closed by means of a door, is on their inside one from the outside and manually operable with one of the profile

strips riegelungsaufweist interacting Ver, characterized, are that the grooves (21) in the closing level of the door (17) that the door with her an edge in on the latch side located slot (21) insertable tilt and in the closing level, and that developed by Actuation of Rie gelvorrichtung (27) of the latch (28), the door moves towards its locking direction by a sol Ches degree that the other, the Rie gel remote from the edge of the door in SPONDING the corresponding groove of the other profile bar (20) is inserted, while the remains located on the latch side edge of the door nor a sufficient corresponding measure within its assigned slot.

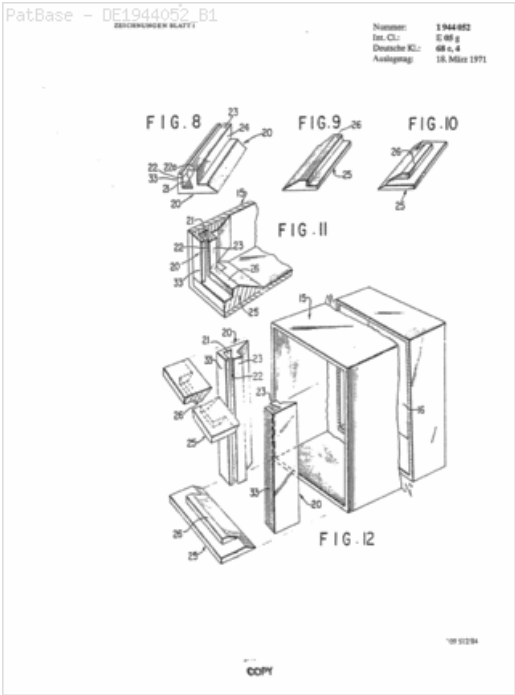
Classifications:

International (IPC 8-9): E05G1/00 E05G1/04 (Advanced/Invention); E05G1/00 (Core/Invention)

International (IPC 1-7): E05G1/04

CPC: E05G1/00 E05G1/04

European: E05G1/00 E05G1/04



Family:

Publication number	Publication date	Application number	Application date
DE1944052 B1	19710318	DE19691944052	19690829

Priority:

DE19691944052 19690829

Probable Assignee:

TELEKY WALTER

Assignee(s): (std):

TELEKY WALTER

Inventor(s): (std):

TELEKY WALTER

226) Family number: 2100535 (GB2186624A)

© PatBase

Title: Pneumatic security device

Abstract: The pneumatic security device has a series of inlet ports 10 in a grid plate 11 which is attached to a manifold 12 of a pneumatic distribution unit. The manifold communicates with selected ports 10<1>-10<9>. The distribution unit also includes memory assembly comprising two memory units and an alarm switch unit. The manifold has through apertures 21 which communicate directly with the memory units and also internal passages which selectively connect with the memory units. The manifold 12 also connects via one memory unit with a double acting piston and cylinder unit via passages 15 or 16 to operate the piston which is a bolt of a lock for engagement with a keeper (not shown). Air is injected into selected ports 10<1> to 10<9> in a pre-selected sequence to lock or unlock the bolt via the one memory unit. Air injected into other ports 10 will have no effect but air injected into certain of the ports 10<1> to 10<9> will actuate an alarm via the other memory unit and the alarm switch unit.

Classifications:

International (IPC 8-9): E05B51/02 (Advanced/Invention); E05B51/00 (Core/Invention)

International (IPC 1-7): E05B37/00 E05B51/02

CPC: E05B51/02

European: E05B51/02

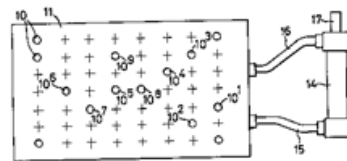


Fig.1

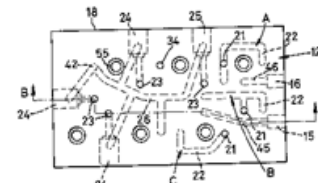


Fig. 2

Family:

Publication number	Publication date	Application number	Application date
GB2186624 A1	19870819	GB19860003708	19860214
GB2186624 B2	19891228	GB19860003708	19860214
GB8603708 A0	19860319	GB19860003708	19860214

Priority:

GB19860003708 19860214

Probable Assignee:

LOWRIE J

Assignee(s): (std):

LOWRIE J ; LOWRIE JOSEPH

Assignee(s):

JOSEPH LOWRIE

Inventor(s): (std):

LOWRIE JOSEPH

Inventor(s):

JOSEPH LOWRIE

227) Family number: 49402537 (US2011198865A)

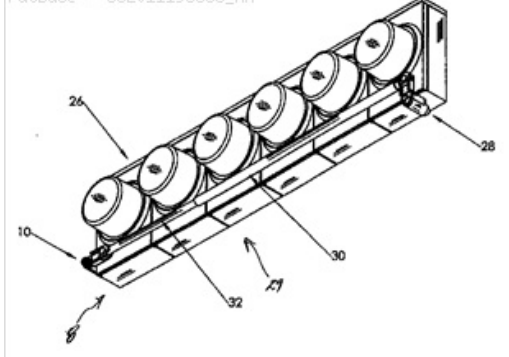
© PatBase

Title: SECURING APPARATUS AND METHOD

Abstract: A securing apparatus is provided for securing, in one embodiment, a plurality of enclosures, such as for example, a plurality of electric meter boxes, the apparatus being mountable to the at least one of the plurality of enclosures. The securing apparatus comprises an enclosure locking member which includes at least a bracket arm, a fastening member and a housing mountable to at least one enclosure; the securing apparatus further comprises a securing member having first and second ends, with the securing member including at least a securing bar and a coupling member being moveably attachable to the securing bar, wherein the coupling member is pivotably mateable with the extended flange of the enclosure locking member.

Classifications:**International (IPC 8-9):** B65D55/14 E05C19/00 (Advanced/Invention)**CPC:** Y10T70/554 E05B65/0089 E05C19/003 G01R11/24 Y10T292/08**European:** E05B65/00V E05C19/00C S01R11/24**US:** 292/2 292/2P 70/158 70/158P

PatBase - US2011198865_AA

**Family:**

Publication number	Publication date	Application number	Application date
US2011198865 AA	20110818	US20100944719	20101111
US2011203335 AA	20110825	US20100945832	20101112

Priority:

US20090260387P 20091111

US20090260418P 20091112

US20100293703P 20100110

US20100293724P 20100111

US20100944719 20101111

US20100945832 20101112

Probable Assignee:

DEWALCH TECHNOLOGIES INC

Assignee(s): (std):

DEWALCH TECHNOLOGIES INC

228) Family number: 28298539 (US2002185872A)

© PatBase

Title: PLUG DOOR HANDLE BOLT SEAL LOCKING DEVICE

Abstract: An elongated channel protector has an end wall that precludes axial displacement of the protector along an elongated rail car plug door operating handle in one direction. Angle shaped members extend from the protector laterally for engaging a cover appurtenance on the door for precluding axial displacement of the protector in the opposite direction. A pair of legs depend from the protector side walls and have aligned holes for receiving a bolt seal. Tubular elements surround the holes to protect the seal head and locking body. The seal is seated beneath the handle which is covered by the protector locking the protector to the handle.

Classifications:**International (IPC 8-9):** E05B13/00 (Advanced/Invention);

E05B67/38 (Advanced/Non-invention);

E05B13/00 (Core/Invention);

E05B67/00 (Core/Non-invention)

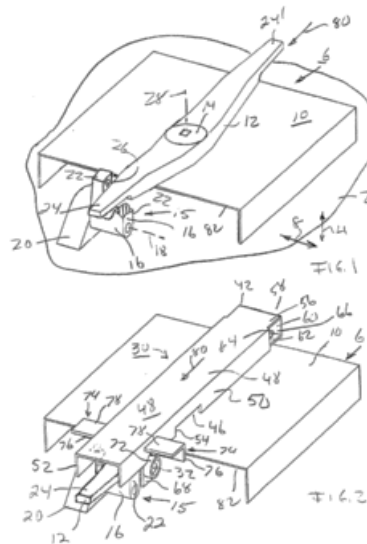
International (IPC 1-7): E05C19/08**CPC:** Y10S292/02 Y10S292/32 E05B13/001 E05B13/002 E05B67/38

Y10T292/327 Y10T292/79

European: E05B13/00B P05B13/00C P05B67/38**US:** 292/286 292/346 292/DIG.2 292/DIG.32

PatBase - US2002185872_AA

Patent Application Publication Dec. 12, 2002 Sheet 1 of 3 US 2002/0185872 A1

**Family:**

Publication number	Publication date	Application number	Application date
US2002185872 AA	20021212	US20010878526	20010611
US6698806 BB	20040302	US20010878526	20010611

Priority:

US20010878526 20010611

Probable Assignee: TRANSGUARD IND INC**Assignee(s):** (std): TRANSGUARD IND INC**Assignee(s):** TRANSGUARD INDUSTRIES ; TRANSGUARD INDUSTRIES INC ; WELLS FARGO BANK NATIONAL ASSOCIATION ; TRANS GUARD IND INC ; TRANSGUARD IND**Inventor(s):** (std): BRAMMALL TERENCE N ; GILBERT STANLEY ; HAMILTON CRAIG B**229) Family number: 17729541** (EP0452890A2)

© PatBase

Title: FASTENER WITH A ROTARY BAR

Abstract: The invention relates to a fastener with a rotary bar, which is designed to be secure while travelling and at customs and possesses a hand lever usable as a lifting aid. The locking is effected with respect to a locking bar by longitudinal displacement of the hand lever over a bearing-side pin/elongated-hole guide, it being possible to improve the operation of the lock by an additional locking and unlocking device. The longitudinal displacement is secure and can be barred by means of a securing element and/or the additional locking and unlocking device. Additional sensors or electronic monitoring devices, which indicate an attempt to manipulate the customs seal or an unauthorised opening of the fastener with a rotary bar, can be attached.

Classifications:**International (IPC 8-9):** E05B13/00 E05B39/02 E05B65/16

E05C9/08 (Advanced/Invention);

E05B67/38 (Advanced/Non-invention);

E05B13/00 E05B39/00 E05B65/12 E05C9/00 (Core/Invention);

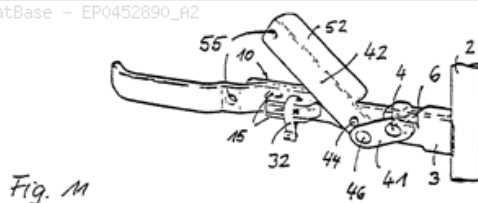
E05B67/00 (Core/Non-invention)

International (IPC 1-7): A45C13/10 E05B13/00 E05B13/00

E05B39/02 E05B65/16 E05C3/06 E05C9/08 E05C9/08

CPC: E05B13/002 E05B67/383**European:** E05B13/00C P05B67/38B

PatBase - EP0452890_A2

**Family:**

Publication number	Publication date	Application number	Application date
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AT101229 E	19940215	AT19910106073T	19910416
DE59100973 D1	19940317	DE19915000973	19910416
DE9004426 U1	19900802	DE19900004426U	19900418
DK0452890 T3	19940613	DK19910106073T	19910416
EP0452890 A2	19911023	EP19910106073	19910416
EP0452890 A3	19911218	EP19910106073	19910416
EP0452890 B1	19940202	EP19910106073	19910416
ES2050473 T3	19940516	ES19910106073T	19910416

Priority:

DE19900004426U 19900418 DE19915000973 19910416 EP19910106073 19910416

Probable Assignee: HILDEBRAND KARL GMBH

Assignee(s): (std): HILDEBRAND KARL GMBH ; HILDEBRAND KARL GMBH AND CO KG

Assignee(s): KARL HILDEBRAND GMBH ; KARL HILDEBRAND GMBH 40699 ERKRATH DE ; KARL HILDEBRAND GMBH AND CO KG ; KARL HILDEBRAND GMBH AND CO KG 4006 ERKRATH DE ; KARL HILDEBRAND GMBH AND CO 4006 ERKRATH DE KG

Inventor(s): (std): VAN HALL HEINZ

Inventor(s): VAN HALL HEINZ W 5620 VELBERT 15 DE

Designated states: AT BE CH DE DK ES FR GB GR IT LI LU NL SE

230) Family number: 13522547 (WO0233682A2)

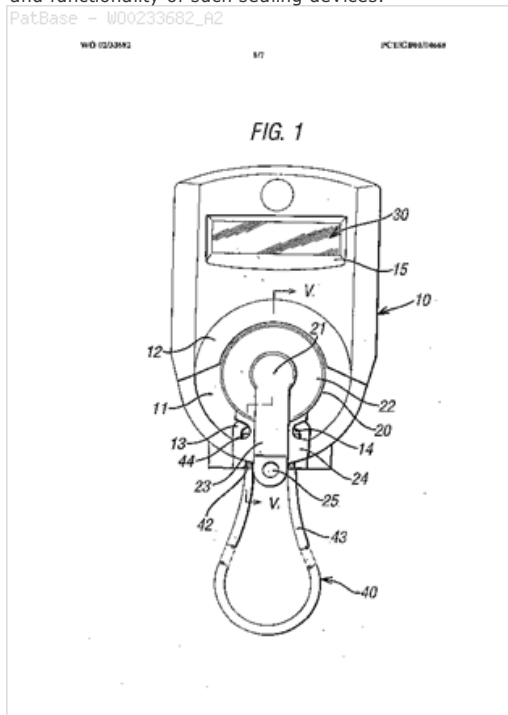
© PatBase

Title: SEAL

Abstract: A sealing device is described which comprises a housing, a locking cover and a sealing member. The housing comprises a socket for receiving an end of a sealing member which is terminated with a plug. The locking cover is attached to the housing and moveable between an open configuration and a closed configuration. The socket is configured such that the end must be moved in two stages - a rotation and a translation - in order that it can be inserted into or removed from the socket. Also described are further features for enhancing the security and functionality of such sealing devices.

Classifications:

International (IPC 8-9): E05B39/04 E05B45/00 G08B13/06 G09F3/03 (Advanced/Invention); E05B39/00 E05B45/00 G08B13/02 G09F3/03 (Core/Invention)
International (IPC 1-7): E05B45/00 G08B13/06 G09F3/00 G09F3/03
CPC: E05B39/04 E05B45/005 G08B13/06 G09F3/0329 G09F3/0352 G09F3/0364 G09F3/0394
European: E05B39/04 E05B45/00C G08B13/06 G09F3/03A4 G09F3/03A6B G09F3/03A7 G09F3/03R



Family:

Publication number	Publication date	Application number	Application date
AU2001295758 AA	20020429	AU20010295758	20011019
GB200025695 A0	20001206	GB20000025695	20001019
GB2368174 A1	20020424	GB20000025695	20001019
WO0233682 A2	20020425	WO2001GB04668	20011019
WO0233682 A3	20030103	WO2001GB04668	20011019

Priority:

GB20000025695 20001019 WO2001GB04668 20011019

Probable Assignee: ENCRYPTA ELECTRONICS LTD

Assignee(s): (std): ENCRYPTA ELECTRONICS LTD ; FIERA SIMON ; HAYWARD MARK

Assignee(s): ENCRYPTA ELECTRONICS LIMITED

Inventor(s): (std): FIERA SIMON ; HAYWARD MARK

Inventor(s): MARK HAYWARD ; SIMON FIERA

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 LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

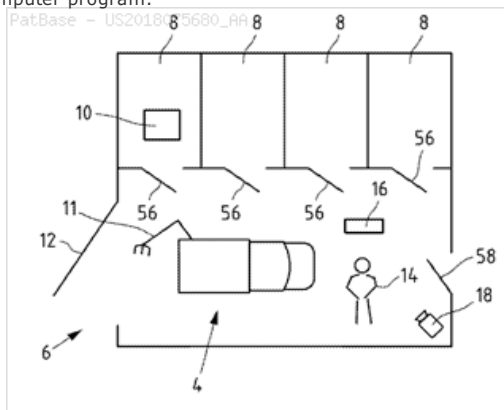
Title: METHOD FOR PROVIDING SECURITY FOR A TRANSFER POINT

Abstract: The disclosure relates particularly to a method for providing security for a transfer point for at least one receiving apparatus, performed by one or more apparatuses, the method comprising: receiving state information at least characteristic for the presence of at least one person and/or at least one object at the transfer point; checking whether the state information meets a security requirement; and outputting or causing outputting of an activation signal only if the state information meets the security requirement. Further, the disclosure relates to a vehicle for use as a transfer apparatus for at least one transfer point, to a transfer point and to a system and a computer program.

Classifications:

International (IPC 8-9): E05G5/00 G06K9/00 G06Q10/08 G07C11/00 G07C9/00 G08B21/18 G08B21/22 (Advanced/Invention)

CPC: G07C9/00571 G06K9/00221 G06Q10/0832 E05G5/003 G07C11/00 G07C9/00912 G06Q10/083



Family:

Publication number	Publication date	Application number	Application date
CN107832986 A	20180323	CN201710816885	20170912
DE102016117387 A1	20180315	DE201610117387	20160915
DE102016117387 B4	20190307	DE201610117387	20160915
EP3296965 A1	20180321	EP20170180664	20170711
US2018075680 AA	20180315	US20170695148	20170905

Priority:

DE201610117387 20160915

Probable Assignee: DEUTSCHE POST AG

Assignee(s): (std): AUGSPURGER TOBIAS ; BELLOF MARCO ; DEUTSCHE POST AG ; SOMMER MARTIN

Inventor(s): (std): BELLOF MARCO ; AUGSPURGER TOBIAS ; SOMMER MARTIN ; MARTIN SOMMER ; TOBIAS AUGSPURGER ; MARCO BELLOF

Agent(s): COHAUSZ AND FLORACK

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Title: Safety device for locking wing elements

Abstract: Source: DE29602750U1 [DE] (Claim 1) 1. Sicherheitsvorrichtung zum Verriegeln mindestens eines Flugelementes, das eine Öffnung schliesst, gekennzeichnet durch ein Unterteil (1), das Befestigungsmittel (7) zuseiner Befestigung an einem die Öffnung begrenzenden Randelement (10) aufweist, ferner durch ein mit dem Unterteil (1) fest, jedoch drehbar verbundenes Oberteil (2), das im befestigten Zustand des Unterteils (1) von einer Entriegelungsstellung, in der es eine freie Bewegung des Flugelementes (9) zulässt, in eine Verriegelungsstellung drehbar ist, in der es einen Teil des Flugelementes (9) in dessen Schliessstellung uebergreift, und durch einen Sperrmechanismus (3), mit dem das Oberteil (2) in seiner Verriegelungsstellung relativ zum Unterteil (1) arretierbar ist.

Machine translation: (Claim 1) 1. Safety device for locking at least one wing element, which closes a opening, characterized by a u nterteil (1), the means of mounting (7) of zuseiner attachment in an edge element (10), limiting the opening, exhibits, furthermore by with that lower part (1) firmly, however swivelling connected upper section (2), that in the fastened condition of the lower part (1) of of one unblocking position, in which it permits a free movement of the wing element (9), in one bolting device position is swivelling, into it a part of the flat steel bar u of gelelement.es (9) in its close-position-spreads, and by a lock mechanism (3), with that upper section (2) in its Bolting device position to relative-relative lower part (1) is lockable.

Classifications:

International (IPC 8-9): E05B17/20 E05C21/02 E05C3/04 (Advanced/Invention);

E05B63/00 (Advanced/Non-invention);

E05B17/00 E05C21/00 E05C3/00 (Core/Invention);

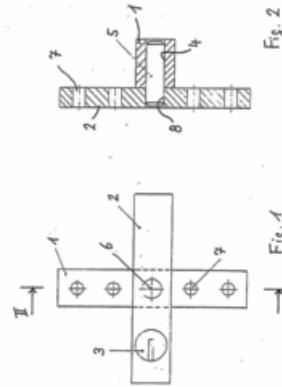
E05B63/00 (Core/Non-invention)

International (IPC 1-7): E05B17/00 E05C21/02 E05C3/02

CPC: E05B17/203 E05B63/0004 E05B63/0052 E05C3/041

European: E05B17/20D21 E05C3/04B P05B63/00A P05B63/00R

16.02.96



296027 50

Family:

Publication number	Publication date	Application number	Application date
DE29602750 U1	19960515	DE19962002750U	19960216

Priority:

DE19962002750U 19960216

Probable Assignee: BASI BAUBESCHLAG SICHERHEITSTE**Assignee(s):** (std): BASI BAUBESCHLAG SICHERHEITSTE

Assignee(s): BASI BAUBESCHLAG SICHERHEITSTECHNIK U SCHLUESSEL GROSHANDEL GMBH 41238 MOENCHENGLADBACH DE ; BASI BAUBESCHLAG SICHERHEITSTECHNIK UND SCHLUESSEL ; BASI BAUBESCHLAG SICHERHEITSTECHNIK UND SCHLUESSEL GROSHANDEL GMBH 41238 MOENCHENGLADBACH DE

233) Family number: 34889551 (US2007164573A)

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Title: TRAILER LOCKING SYSTEM

Abstract: A trailer locking system includes separate sections releasably coupled to provide locking frames that secure trailers against unauthorized entry through side doors and rear doors. The sections include frame members adapted for releasable coupling to other frame members to form the locking frames, along with support structure for selectively locating the locking frames relative to the trailer body. The locking frames can surround their associated trailers, or may span the width of the doors they are intended to secure. Locking frames that surround the trailers can be supported by ground engaging legs independently of the trailer, or by support members along the trailer top and sides that additionally provide a carrier for equipment and supplies. Adjacent frame members are releasably joined by coupling plates and stabilizing pins mounted to selected coupling plates. Other coupling plates have pin-receiving apertures, and all coupling plates have locking apertures to accommodate padlocks or other locking devices.

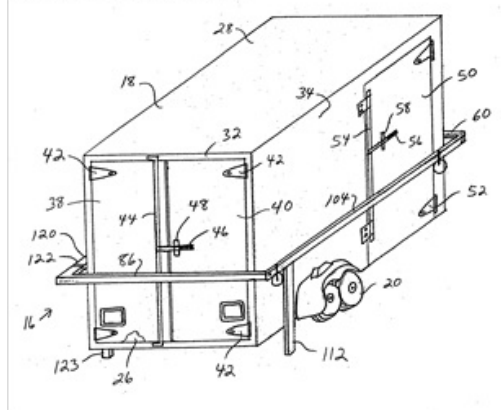
Classifications:

International (IPC 8-9): E05C 19/00 (Advanced/Invention); E05C 19/00 (Core/Invention)

CPC: B65D 90/008 B65D 2211/00 E05B 83/02 E05B 83/12 Y10T 292/23

European: B65D 90/00F E05B 83/02 L65D 211/00 P05B 83/12

US: 292/259.00R 292/259.00RP 292/259R

**Family:**

Publication number	Publication date	Application number	Application date
US2007164573 AA	20070719	US20060331610	20060116

Priority:

US20060331610 20060116

Probable Assignee: REIMER CORY R**Assignee(s):** (std): REIMER CORY R ; SKLUZACEK BRANDON P ; SKLUZACEK JASON P

Inventor(s): (std): SKLUZACEK BRANDON P ; SKLUZACEK JASON P ; REIMER CORY R
Agent(s): PATENT DEPARTMENT LARKIN HOFFMAN DALY AND LINDGREN LTD

234) Family number: 31373556 (US2005056062A)

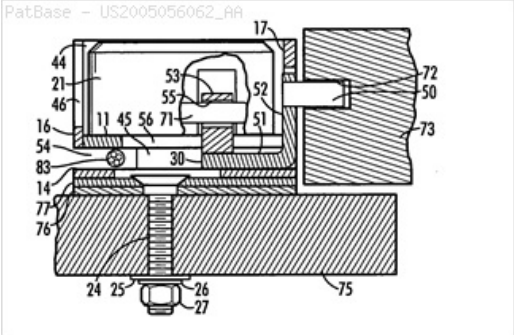
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Title: SECURITY DEVICE FOR ROLL-UP DOORS

Abstract: A security device is provided which may be installed on a roll-up door of a cargo container garage or storage facility. The security device includes a locking bar having a locking pin, which is shiftable into a locking pin receiving aperture in a side wall of the roll-up doorframe. The locking bar also includes a tab with an opening for receiving the locking rod of a puck shaped lock when the locking bar is in the locking position.

Classifications:

International (IPC 8-9): E05B13/00 E05B65/08
E05B67/38 (Advanced/Invention);
E05B13/00 E05B65/08 E05B67/00 (Core/Invention)
International (IPC 1-7): E05B13/00 E05B65/08 E05B67/38
CPC: Y10S292/32 Y10T70/439 Y10T70/498 Y10T70/5173
Y10T70/5195 Y10T70/5319 Y10T292/1025 Y10T70/5779
Y10T292/1049 Y10T292/1086 E05B13/001 E05B65/0021
European: E05B13/00B
US: 292/148 292/205 292/218 292/DIG.32 70/100 70/129 70/212
70/32 70/320 70/56 70/56P 70/95



Family:

Publication number	Publication date	Application number	Application date
US2005056062 AA	20050317	US20040975233	20041028
US6823701 BA	20041130	US20030651686	20030829
US6915670 BB	20050712	US20040975233	20041028

Priority:

US20030651686 20030829 US20040975233 20041028

Probable Assignee: MCGRAW ENTERPRISES INC

Assignee(s): GOGEL ROY E ; MCGRAW ENTERPRISES INC ; SGM ENTERPRISES LLC

Inventor(s): (std): GOGEL ROY E

Inventor(s): GOGEL ROY

Agent(s): JOHN B HARDAWAY III NEXSEN PRUET JACOBS AND POLLARD LLC; NEXSEN PRUET LLC; SCHWAB CHARLES L; CHARLES L

235) Family number: 18034556 (DE2214878A1)

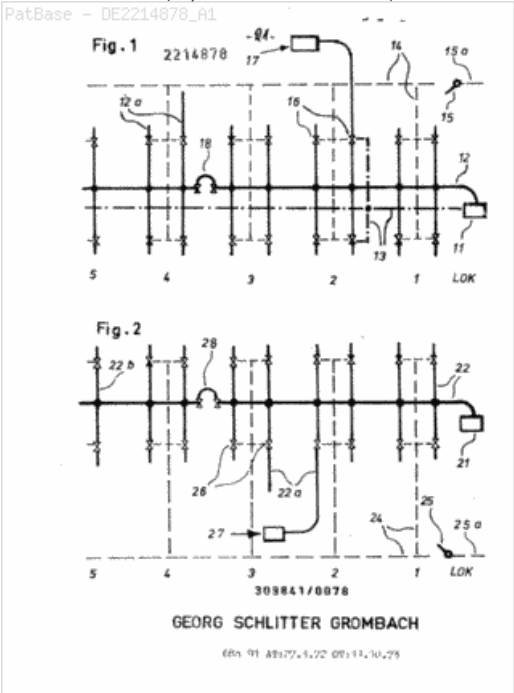
© PatBase

Title: ZENTRALES - VERRIEGELUNGS - SYSTEM FUEER TUERANLAGEN AN SCHIENENFAHRZEUGEN UND STRASSENFAHRZEUGEN FERNBEDIENBAR CENTRAL - INTERLOCKING - SYSTEM FOR RAIL VEHICLES AND ROAD TO TUERANLAGEN VEHICLE REMOTE CONTROL (Machine translation)

Abstract: (Claim1) Patentanspr@ch e1 Zentrales Verriegelungs System fuer Tueren an Schienen fahrzeugen sowie an Strassenfahrzeugen bestehend aus:Druckluft; Vakuum; Hydraulisch; Elektromagnetisch; betriebenen Betaetigungselemente, dadurch gekennzeichnet:Dass sie durch Ka@elleitungen von einer oder zwei Stellen aus, synchron steuerbar sind, 2.

Classifications:

International (IPC 8-9): E05B65/36 E05B77/46 (Advanced/Invention);
E05B65/36 (Core/Invention)
International (IPC 1-7): B61D19/02 E05B65/38
CPC: E05B77/46
European: E05B77/46



Family:

Publication number	Publication date	Application number	Application date
DE2214878 A1	19731011	DE19722214878	19720327

Priority:

DE19722214878 19720327

Probable Assignee:

SCHLITTER GEORG

Assignee(s): (std):

SCHLITTER GEORG

Assignee(s):

SCHLITTER GEORG 6921 GROMBACH

Inventor(s): (std):

SCHLITTER GEORG

Inventor(s):

SCHLITTER GEORG 6921 GROMBACH

236) Family number: 30646563 (US6745603B)

© PatBase

Title: ELECTROMAGNETIC INTEGRATIVE DOOR LOCKING DEVICE AND METHOD OF INSTALLATION

Abstract: Described herein is an electromagnetic locking device which integrates mechanical lock components in a hollow metal door frame with electronic access components. The physical and mechanical modifications comprise a magnetic field generating device, an appropriately shaped metal housing and a cam retaining locking bar. The method for integrating a magnetic field generating device and cam retaining locking bar with previously installed mechanical lock components minimizes service costs and replacement of doorframes.

Classifications:**International (IPC 8-9):** E05B47/00 E05B47/02 E05B47/06

E05B49/00 E05B9/08 E05C1/06 (Advanced/Invention);

E05B47/00 E05B63/00 (Advanced/Non-invention);

E05B47/00 E05B47/02 E05B47/06 E05B49/00 E05B9/00

E05C1/00 (Core/Invention);

E05B47/00 E05B63/00 (Core/Non-invention)

International (IPC 1-7): E05B47/00**CPC:** Y10T70/7062 Y10T70/7068 Y10T70/7102 Y10T70/7107

Y10T70/713 Y10T292/1021 E05B9/08 E05B47/0002 E05B47/0004

E05B47/023 E05B63/0013 E05B2047/0086 E05B2047/0094

G07C9/00896

European: E05B47/00A1 E05B47/02 E05B47/02P E05B9/08

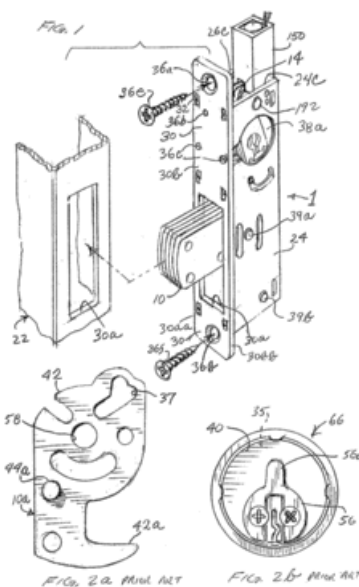
P05B47/00A1B1 P05B47/00K3 P05B47/00R P05B63/00B

S07C9/00E20

US: 292/144 70/277 70/278.1 70/278.7 70/279.1 70/283

PatBase - US6745603_BA

U.S. Patent Jun. 8, 2004 Sheet 1 of 12 US 6,745,603 B1

**Family:**

Publication number	Publication date	Application number	Application date
US6745603 BA	20040608	US20010790455	20010222
US7296448 BA	20071120	US20040787723	20040226
US7469564 BA	20081230	US20040012878	20041215

Priority:

US20010790455 20010222

US20040787723 20040226

US20040012878 20041215

Probable Assignee:

SHAW BARRY

Assignee(s): (std):

SHAW BARRY ; SHAW BARRY M

Inventor(s): (std):

SHAW BARRY ; SHAW BARRY M

Agent(s):

ADRIENNE B; NAUMANN ESQ ADRIENNE B

237) Family number: 16273566 (DE29505004U1)

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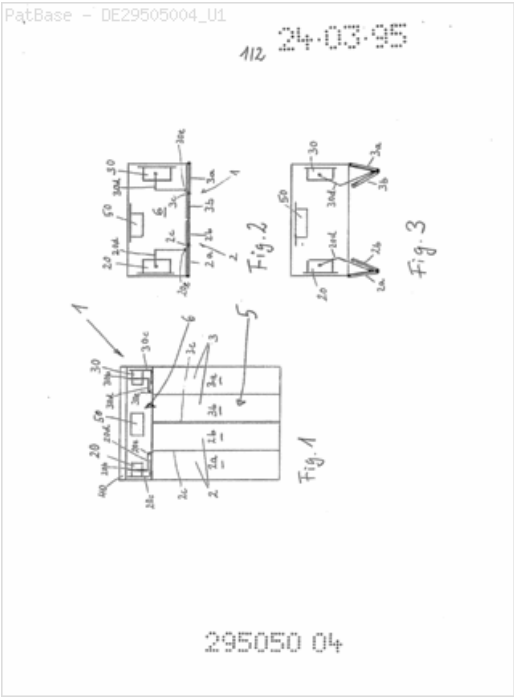
Title: Safety cabinet

Abstract: Source: DE29505004U1 [DE] (Claim 1) 1. Sicherheitsschrank zur Aufbewahrung von Gefahrstoffen, ? ? brennbarer Stoffe insbesondere feuergefährlicher Lösemittel in einem Aufnahmeraum des Schrankes, mit mindestens einem Türflügel, insbesondere als Falzflügel oder Schwenkflügel ausgebildet, mit einem Antriebsaggregat zum selbsttätigen Schließen des bzw. der Türflügel und einer Einrichtung, die sicherstellt, dass der Aufnahmeraum im Brandfalle dicht geschlossen ist, z. B. durch im Brandfall aufquellende Dichtungen, dadurch gekennzeichnet, dass ein Antriebsaggregat (20, 30) zum Öffnen des bzw. der Türflügel (2, 3), vorzugsweise in einem vom Aufnahmeraum (5) getrennten Raum (6) angeordnet ist.

Machine translation: (Claim 1) 1 Sicherheitsschrank for the storage of hazardous materials??. combustible materials especially flammable product Solvents in a receiving space of the cabinet, with at least one Tuerfluegel, especially as a Faltfluegeloder Schwenkfluegel, with a drive unit for selbsttaetigen closure of or derTuerfluegel and a device that ensures that the recording room in case of fire is closed, eg. aufquellendeDichtungen by in case of fire, thereby gekennz eic HNET that a drive assembly (20, 30) for opening the Tuerfluegel or (2.3), is preferably arranged in a space of inclusion (5) separate room (6).

Classifications:

International (IPC 8-9): A62C3/00 E05F15/12 E05F15/20 E05F15/63 E05F15/72 (Advanced/Invention); A62C3/00 E05F15/12 E05F15/20 (Core/Invention)
International (IPC 1-7): B01L1/04
CPC: E05Y2201/41 E05Y2201/434 E05Y2900/21 A62C3/00 E05F15/63 E05F15/72 E05F15/73
European: A62C3/00 E05F15/12H E05F15/20C P05F15/20D P05Y201/41 P05Y201/434 P05Y800/252 P05Y900/200 P05Y900/210



Family:

Publication number	Publication date	Application number	Application date
DE29505004 U1	19950921	DE19952005004U	19950324

Priority:

DE19940017392U 19941029 DE19952005004U 19950324

Probable Assignee: DUEPERTHAL SICHERHEITSTECHNIK

Assignee(s): (std): DUEPERTHAL SICHERHEITSTECHNIK ; STOREBEST LADENEINRICHTUNG

Assignee(s): STOREBEST LADENEINRICHTUNG GMBH AND CO ; STOREBEST LADENEINRICHTUNG GMBH AND CO 00000 LUEBECK DE ; DUEPERTHAL GMBH SICHERHEITSTECHNIK 63791 KARLSTEIN ; DUEPERTHAL GMBH SICHERHEITSTECHNIK 63791 KARLSTEIN DE

238) Family number: 21070566 (DE609899A)

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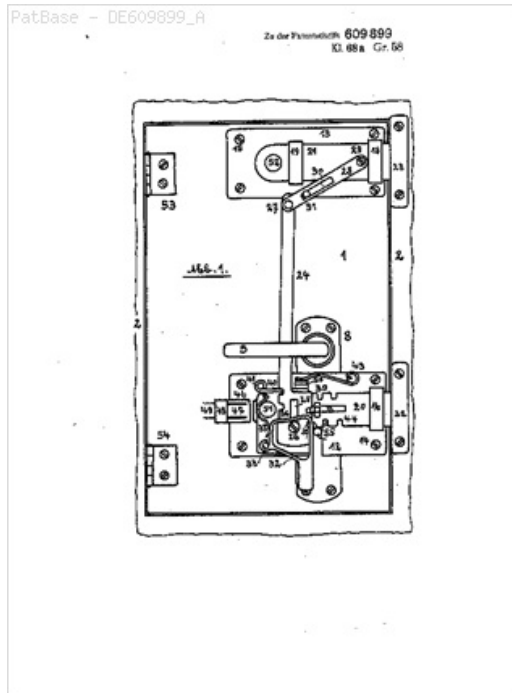
Title: SCHLOSSANORDNUNG, BEI WELCHER EIN AUF DER TUERINNENSEITE VORGESEHENES ZUSATZSCHLOSS DURCH DAS SCHLUESSELLOCH DES UEBLICHEN EINSTECKSCHLOSSES HINDURCH GESCHLOSSEN WIRD CASTLE ARRANGEMENT, IN WHICH ONE ON THE PROPOSED TUERINNENSEITE FORECASTED ADDITIONAL LOCK trough a keyhole THE USUAL mortise ROUND SHUT (Machine translation)

Abstract: Source: DE609899A [DE] (Claim 1) 1. PATENTANSPRUCH: Schlossanordnung, bei welcher ein auf der Tuerinnenseite vorgesehenes Zusatzschloss durch das Schlueselloch des ueblichen Einsteckschlusses hindurch geschlossen wird, dadurch gekennzeichnet, dass mit diesem Zusatzschloss (12) noch ein zusätzlicher Riegel (21) durch einen zweiteiligen Wechsel (2q, 28) verbunden ist, dessen an dem zusätzlicher Riegel (21) angreifender Teil(28) um einen ortsfesten Zapfen(31) schwenkbar und mit einem Langloch: (30) auf diesen verschiebbar ist, waehrend der mit dem Zusatzschloss (12) in Verbindung stehende Teil (2q.) auf einem Zapfen (26) des Zusatzschlossriegels (20) verschiebbar und an der einen Kante mit Sperrrasten (36) fuer die um einen ebenfalls am Riegel- schaft befestigten Zapfen (33) schwenkbare Zuhaltung (32) und auf der gegen ueberliegenden Kante mit Eingriffsrasten (37) fuer den Schluesel versehen ist.

Machine translation: (claim 1) 1 PATENT CLAIM: lock arrangement in which a proposed on the Tuerinnenseite additional closed connected through the keyhole of the ueblichen mortise through GE is characterized by the fact that this Zusatzschloss (12) nor a supplementary lock (21) by a two-part change (2q, 28) is connected, whose ADDITIONAL on the bolt (21) attacking part (28) around a stationary pin (31) pivotally and with an elongated hole: (30) on these verschiebbar, while the with the to set closed (12) related part (2q.) on einem pin (26) of the At Rate lock bolt (20) verschiebbar and at the one edge with lock pins (36) for the UM an also on rule-Community fortified pin (33) pivoting at face guard locking (32) and provided on the opposite edge lying with engaging notches (37) for the keys. is

Classifications:

International (IPC 8-9): E05B63/14 (Advanced/Invention); E05B63/00 (Core/Invention)
International (IPC 1-7): E05B63/14
CPC: E05B63/14
European: 68AB23A E05B63/14



Family:

Publication number	Publication date	Application number	Application date
DE609899 A	19350228	DE1933R087720D	19330412

Priority:

DE1933R087720 19330412

Probable Assignee:

PAUL REHBEIN

Assignee(s): (std):

PAUL REHBEIN

239) Family number: 28324569 (US2002147598A)

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Title: CENTRALIZED ELECTRONIC SAFE AND ACCOUNTING CONTROL SYSTEM

Abstract: An electronic lock and money control system is provided that is capable of single unit stand-alone operation, as well as expandability to a network of multiple units having one of the units operate as a centralized network controller. The network includes at least one safe provided with a control system arranged to communicate with a data input device, electronic display, connector interface and electronic lock mechanism located on the safe. The control system includes a processor programmed to control operation of the electronic lock mechanism, as well as operate as a central system controller when connected to at least one other remote safe via the connector interface to monitor and accumulate financial and operational information for each remote unit. Thus, the safe can be used in stand-alone operation, or as a central control and reporting unit for a network of interconnected safes.

Classifications:

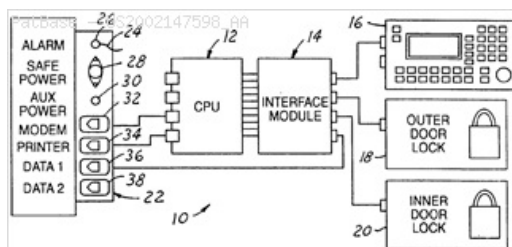
International (IPC 8-9): E05B47/00 G06Q20/10 G06Q20/20 G06Q40/00 G07C9/00 G07D1/00 G07D1/02 G07D1/04 G07D11/00 G07D7/00 G07D9/00 G07F17/12 G07F5/18 H04L9/10 H04L9/32 (Advanced/Invention); G06Q40/00 G07C9/00 G07D11/00 G07F17/10 G07F5/00 H04L9/10 (Core/Invention)

International (IPC 1-7): E05B47/00 G06F17/00 G06F17/60 G06K15/00 G06K5/00 G06K7/01 G07D1/00 G07D1/02 G07D7/00 H04K1/00 H04L9/00 H04L9/32

CPC: G07D11/32 G07D11/0093 G06Q20/102 G06Q20/20 G07C9/00166 G07C9/00571 G07C9/00912 G07F9/026 G07F11/002 G07F17/12 G06Q20/382 G07D1/00 G07D1/04 G07D9/004

European: G06Q20/102 G06Q20/20 G06Q20/382 G07C9/00C4 G07C9/00E20C G07C9/00E7 G07D1/00 G07D1/04 G07D11/00F8 G07D11/00M2 G07D9/00C2 G07F11/00B G07F17/12 G07F9/02D

US: 206/0.8 206/08 206/8 235/379 235/379P 235/382 235/382.5 235/383 453/18 453/61 453/63 705/1 705/16 705/4 705/40 705/40S 705/73 705/73P



Family:

Publication number	Publication date	Application number	Application date
AU2002250438 AA	20021021	AU20020250438	20020325
AU2002363513 AA	20030519	AU20020363513	20021018
CA2443300 AA	20031002	CA20022443300	20020325
CA2443300 C	20110621	CA20022443300	20020325
CA2464117 AA	20040419	CA20022464117	20021018
CA2464117 C	20110621	CA20022464117	20021018
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GB2396473 A1	20040623	GB20040008738	20021018
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US7063252 BB	20060620	US20010825912	20010404
WO02082237 A2	20021017	WO2002US09217	20020325
WO02082237 A3	20040311	WO2002US09217	20020325
WO03041020 A1	20030515	WO2002US33444	20021018

Priority:

US20010825912 20010404 US20010042131 20011019 WO2002US09217 20020325
WO2002US33444 20021018

Probable Assignee: FIRE KING SECURITY PRODUCTS LLC

Assignee(s): (std): FIRE KING INTERNATIONAL INC ; FIRE KING INT INC ; FIRE KING INTERNAT INC ; SMITH MICHAEL J ; THURMAN RICHARD ; THOMAS MARK EDWARD ; FIREKING INTERNATIONAL INC ; FIREKING INTERNAT INC ; FIREKING INT INC

Assignee(s): FIRE KING COMMERCIAL SERVICES LLC ; SOVEREIGN BANK ; TRANSAMERICA BUSINESS CAPITAL AGENT AS CORP ; MEDLEY SBIC LP AGENT AS ; FK ACQUISITION INC ; FKI SECURITY GROUP LLC ; IMAGE VAULT LLC ; PNC BANK NATIONAL ASSOCIATION ; TRANSAMERICA BUSINESS CAPITAL CORP ; GE BUSINESS CAPITAL CORP ; FIFTH THIRD BANK AGENT AS ; FIRE KING INT LLC ; FIRE KING SECURITY PRODUCTS LLC ; FIRE KING INTIONAL ; FIRE KING INT ; FIREKING INT ; BOSCH JONATHAN ; CHERNOMORDIK JANE MARY ; CORNELL RICHARD R ; CORNELL RICHARD R JR ; CORPORATE SAFE SPECIALISTS LLC ; FIFTH THIRD BANK

Inventor(s): (std): CORNELL RICHARD R ; SMITH MICHAEL J ; THOMAS MARK EDWARD ; THURMAN RICHARD ; CORNELL JR RICHARD R ; BOSCH JONATHAN ; CHERNOMORDIK JANE MARY ; CORNELL RICHARD R JR

Inventor(s): CORNELL ; MARK EDWARD THOMAS ; JONATHAN BOSCH ; JANE MARY CHERNOMORDIK ; RICHARD R JR CORNELL ; JR RICHARD R ; MICHAEL J SMITH ; RICHARD R CORNELL JR ; RICHARD THURMAN

Agent(s): BORDEN LADNER GERVAIS LLP; MACRAE AND CO; BROOKS KUSHMAN PC

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 LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU 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

240) Family number: 44937574 (US2010102572A)

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Title: ELECTROMECHANICAL LOCKS AND LATCHING ARRANGEMENTS

Abstract: An electrically operable latch includes a housing and a latch member assembled with the housing for movement between an extended position and a retracted position. A blocker member is disposed in the housing and adapted to block movement of the latch member to the retracted position when the blocker member is in a first position, and to permit movement of the latch member from the extended position to the retracted position when the blocker member is in a second position. An actuator member is disposed in the housing and adapted to move the blocker member from the first position to the second position in response to an electrical signal supplied to the actuator member.

Classifications:

International (IPC 8-9): E05B47/00 E05B47/06 E05B63/24

E05B65/46 E05C1/06 E05C19/00 E05C19/10 E05C3/12

E05C5/00 (Advanced/Invention);

E05B49/00 (Advanced/Non-invention);

E05B47/00 E05C19/00 E05C3/00 E05C5/00 (Core/Invention);

E05B (Subclass/Invention)

CPC: Y10T70/7068 Y10T292/0887 Y10T292/0945

Y10T292/1021 Y10T292/1082 Y10T292/702 E05B47/0012

E05B15/0046 E05B47/0607 E05B63/24 E05B63/246 E05B65/46

E05B2047/0015

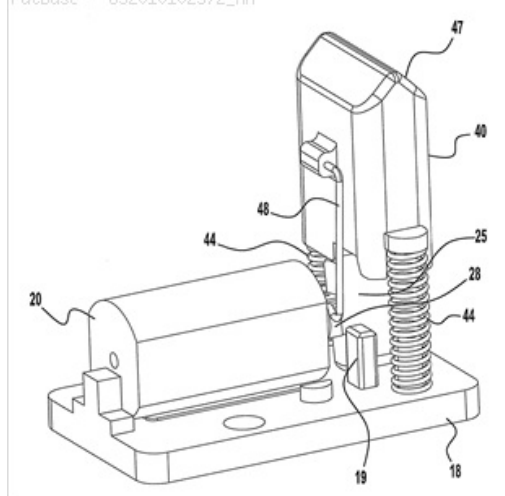
European: E05B47/00A4 E05B47/06 E05B47/06B E05B63/24

P05B15/00R P05B47/00A4 P05B47/00A5C P05B63/24C2 P05B65/46

US: 292/144 292/2 292/201 292/201S 292/2S 292/341.17 292/64

292/64P 292/96 292/96S 70/278.1

PatBase - US2010102572_AA



Family:

Publication number	Publication date	Application number	Application date
AU2009308313 AA	20100429	AU20090308313	20091023
CA2739986 AA	20100429	CA20092739986	20091023
CN102197184 A	20110921	CN200980141860	20091023
CN102197184 B	20130814	CN200980141860	20091023
EP2358956 A1	20110824	EP20090822750	20091023
EP2358956 A4	20141119	EP20090822750	20091023
MX2011004254 A1	20110523	MX20110004254	20091023
NZ592069 A	20120928	NZ20090592069	20091023
US2010102572 AA	20100429	US20090604469	20091023
US8419083 BB	20130416	US20090604469	20091023
WO10048467 A1	20100429	WO2009US61762	20091023
ZA201102653 A	20111228	ZA20110002653	20110408

Priority:

US20080108203P 20081024 US20090604469 20091023 WO2009US61762 20091023

Probable Assignee: MASTER LOCK CO LLC

Assignee(s): (std): BURMESCH GARY ; MASTER LOCK CO

Assignee(s): MASTER LOCK CO LLC ; MASTER LOCK COMPANY LLC

Inventor(s): (std): BURMESCH GARY ; GARY BURMESCH

Agent(s): CALLINANS; FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; RIDOUT AND MAYBEE LLP; QUINTELIER CLAUDE; CALFEE HALTER AND GRISWOLD LLP; GROVER DAVID 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 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

241) Family number: 62699579 (WO16097020A3)

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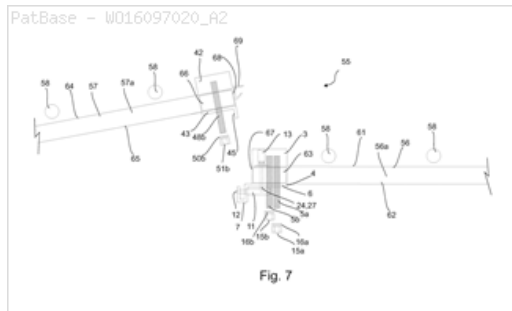
Title: AN ANTI-THEFT LOCK DEVICE FOR A DOUBLE DOOR AND USES THEREOF

Abstract: An anti-theft lock device (1, 2) for a double door (55) comprises a first lock part (1) for mounting on a first wall (56a) of a first door (56) of the double door (55), which first lock part (1) comprises a first exterior part (3) and a first interior part (4), a second lock part (2) for mounting on a second wall (57a) of a second door (57) of the double door (55) for locking together with the first lock part (1) in closed position of the double door (55), which second lock part (2) comprises a second exterior part (42) and a second interior part (43), and a lock. The first lock part (1) comprises a first bolt means (5, 5a, 5b, 5c) having a first length selected to screw the first exterior part (3) and the first interior part (4) together through the first wall (56a) of the first door (56). The second lock part (2) comprises a second bolt means (48, 48a, 48b) having a second length selected to screw the second exterior part (42) and the second interior part (43) together through the second wall (57a) of the second door (57), and the first interior part (4) has female interlocking and/or engagement means (7) for engaging male interlocking and/or engagement means (45) of the second interior part (43). The anti-theft lock device is particular useful on storage containers to prevent intrusion and theft.

Classifications:

International (IPC 8-9): E05B17/20 E05B83/02 (Advanced/Invention); E05B9/08 E05C7/04 (Advanced/Non-invention)

CPC: E05B17/2088 E05B9/08 E05B63/0004 E05B83/02 E05C7/04



Family:

Publication number	Publication date	Application number	Application date
EP3034720 A1	20160622	EP20140199241	20141219
WO16097020 A2	20160623	WO2015EP80049	20151216
WO16097020 A3	20161027	WO2015EP80049	20151216

Priority:

EP20140199241 20141219

Probable Assignee: SERVIAL CC APS

Assignee(s): (std): SERVIAL CC APS

Inventor(s): (std): LARSEN ANDERS

Agent(s): HOLME PATENT A S

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

242) Family number: 65687582 (US2017262668A)

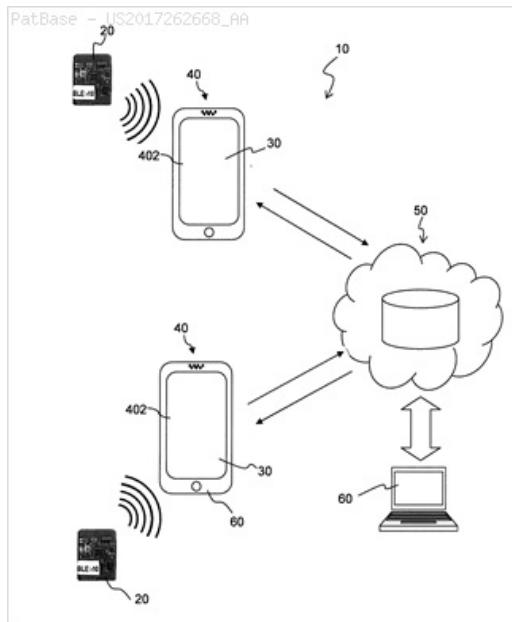
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Title: LOCATION TRACKING SYSTEM

Abstract: A location tracking system includes a tag configured to be uniquely associated with and affixed to an item, and automatically and periodically emit a first signal, a receiving transmitter having a Bluetooth signal reception functionality that is configured to automatically receive the first signal from the tag when the receiving transmitter is within a broadcast range of the tag without requiring pairing of the receiving transmitter and the tag and transmit a second signal, and a data system configured to be remotely accessible to the receiving transmitter and receive the second signal transmitted from the receiving transmitter. The second signal can be transmitted via a network to which the receiving transmitter is connected. An application can be installed in the receiving transmitter that allows the receiving transmitter to automatically receive the first signal and initiate transmission of the second signal from the receiving transmitter to the data system.

Classifications:

International (IPC 8-9): E05B39/00 E05B45/00 E05B47/00 E05B67/00 G01S19/13 G01S5/02 G06F17/00 G06K19/077 G06K7/10 G06Q10/08 G06Q50/28 G06Q50/30 G07C9/00 H04B10/00 H04B17/00 H04W12/08 H04W4/00 H04W4/80 (Advanced/Invention) **CPC:** G06K19/07758 G01S19/13 E05B45/005 E05B67/003 G06Q10/08 G06Q50/28 H04W4/80 E05B2047/0095 G07C9/00 G07C9/00309 G07C9/00571 E05B39/005 G06K7/10297 E05B47/0001 G06Q10/0833



Family:

Publication number	Publication date	Application number	Application date
AR105330 AA	20170927	AR2016P102104	20160712
BR112016017086 A2	20171003	BR20161117086	20151109
BR112017011409 A2	20180626	BR20171111409	20160513
CN107004243 A	20170801	CN201580008899	20151109
CN107075871 A	20170818	CN201680003193	20160513
EP3183708 A1	20170628	EP20150876395	20151109
EP3183708 A4	20170628	EP20150876395	20151109
ID201711108 A	20171006	ID2016P0004559	20151109
ID201802176 A	20180302	ID2017P0001187	20160513
MX2017011232 A1	20180430	MX20170011232	20151109
PH2018500974 A	20181217	PH20180500974	20180504
SG11201605267Y A1	20170629	SG20161105267	20151109
SG11201803656V A1	20180530	SG20181103656	20161108
SG11201804303Q A1	20180628	SG20181104303	20160513
TW201716796 A	20170516	TW20160122216	20160714
TW201812154 A	20180401	TW20170105920	20170222
US2017262668 AA	20170914	US20150112169	20151109
US2017284128 AA	20171005	US20160507163	20160513
US2018328079 AA	20181115	US20160774945	20161108
US9940491 BB	20180410	US20150112169	20151109
US10208505 BB	20190219	US20160507163	20160513
WO17082812 A1	20170518	WO2015SG50439	20151109
WO17082816 A1	20170518	WO2016SG50225	20160513
WO17082823 A1	20170518	WO2016SG50553	20161108

Priority:

WO2015SG50439 20151109 US20160507163 20160513 WO2016SG50225 20160513
WO2016SG50553 20161108

Probable Assignee: ASCENT SOLUTIONS PTE LTD

Assignee(s): (std): ASCENT SOLUTIONS PTE LTD

Inventor(s): (std): CHEW KIA BOON ; LIM CHEE KEAN ; CHUNG PUI LAN PAULINE MARGARET ; DAI FUXIANG ; LIM CHEE KIAN ; CHUNG PUI LAN ; CHEE KEAN LIM ; KIA BOON CHEW ; PUI LAN PAULINE MARGARET CHUNG ; CHEE KIAN LIM ; FUXIANG DAI ; DAI FU XIANG

Agent(s): TALBOT PONSONBY DANIEL FREDERICK; IWAN DARUSURYOATMODJO SH MH; KUSNO HADI KUNCORO SSI; ONG LUCILLE FRANCES KHENG LU

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 DJ 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 KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

243) Family number: 30714584 (DE10261445A1)

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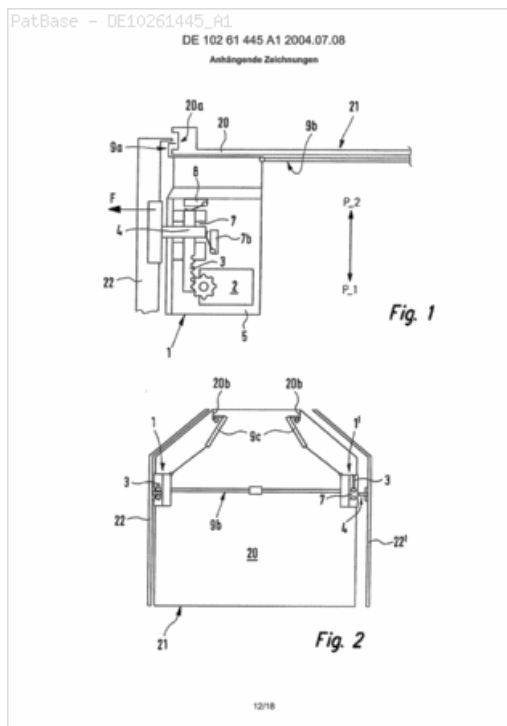
Title: Locking unit and system especially for locking roller, hinged or sliding doors and or gates has a measurement device for detecting an excess force being applied to the lock bar

Abstract: Locking unit (1), especially for locking roller, hinged or sliding doors and or gates. The locking unit has a lock bar drive (2) for moving a lock bar (3) between opened (P1) and closed (P2) positions. In the closed position the bar meshes in a lug (4) or similar. The locking unit has a measurement device for detecting a force (F) acting on the lock bar so that attempts to force or break the locking unit can be detected. An Independent claim is made for a locking system especially for locking roller, hinged or sliding doors and or gates with a force measurement device for each of a number of locking units, with the units linked together by a mechanical or radio link.

Classifications:

International (IPC 8-9): E05B45/08 (Advanced/Invention);

E05B45/00 (Core/Invention)
International (IPC 1-7): E05B45/00
CPC: E05B45/08
European: E05B45/08



Family:

Publication number	Publication date	Application number	Application date
DE10261445 A1	20040708	DE20021061445	20021231

Priority:

DE20021061445 20021231

Probable Assignee: DETECTIS GMBH

Assignee(s): (std): DETECTIS GMBH

Inventor(s): (std): NEUMANN HEINZ ; STEINEMANN ROBERT

244) Family number: 20726594 (US5781399A)

© PatBase

Title: Energy efficient control circuit for solenoid actuated locking device

Abstract: The present invention provides a driver circuit for energizing a solenoid actuated locking device. The circuit is adapted to include a microprocessor, a battery power supply, a boosting circuit and an energy storage circuit. The battery voltage is stepped up by the boosting circuit and the stepped up voltage is stored in the energy storage circuit. A solenoid driver circuit including a plurality of transistors arranged in an H-bridge configuration supply energy from the storage circuit to the solenoid under control of the microprocessor.

Classifications:

International (IPC 8-9): E05B47/02 E05B53/00 E05B63/14

E05B65/00 E05B65/16 E05C3/06 E05C3/12

E05C3/16 (Advanced/Invention);

E05B15/00 E05B53/00 (Advanced/Non-invention);

E05B47/02 E05B53/00 E05B65/00 E05B65/12

E05C3/00 (Core/Invention);

E05B15/00 (Core/Non-invention)

International (IPC 1-7): B60R25/00 E05B47/00 H01H47/02

CPC: Y10S292/25 Y10S292/53 E05B15/0086 E05B53/005 E05C3/06

E05B79/20 E05B53/003 E05B63/14 E05C3/124 E05B65/0021

E05B47/0002 E05B47/0004 E05B47/023 E05B47/026 E05B83/12

E05C3/16 E05Y2201/22 E05Y2201/462 Y10T70/519 Y10T70/5973

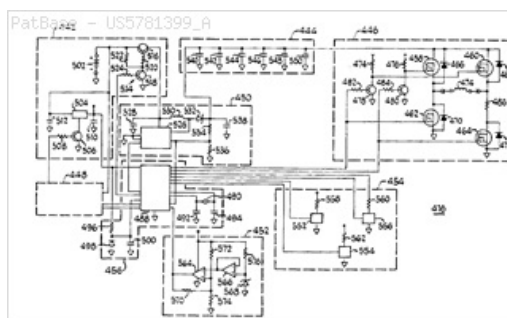
Y10T70/7107 Y10T292/086 Y10T70/5354 Y10T70/8541

Y10T292/0946 Y10T292/1076

European: E05B47/00A1 E05B47/02 E05B47/02P E05B47/02R

E05B53/00D2 E05B63/14 E05B65/00G E05B83/12 E05C3/06 E05C3/12D E05C3/16 P05B15/00T P05B47/00A1B1 P05B53/00D

US: 292/196 292/54 292/97 292/DIG.25 292/DIG.53 361/172 70/137 70/256 70/278 70/279 70/279.1 70/451 70/99



Family:

Publication number	Publication date	Application number	Application date
AU199912852 A1	19990524	AU19990012852	19981028
US5781399 A	19980714	US19960692374	19960805
US5931033 A	19990803	US19970895882	19970717
US6047576 A	20000411	US19970963604	19971031
US6049448 A	20000411	US19970822436	19970321
WO9923334 A1	19990514	WO1998US22915	19981028

Priority:

US19960692374 19960805

US19970822436 19970321

US19970895882 19970717

US19970963604 19971031

WO1998US22915 19981028

Probable Assignee: MI JACK SYSTEMS AND TECHNOLOGY LLC

Assignee(s): (std): LANIGAN WILLIAM P ; MI JACK PRODUCTS INC ; MIJACK PRODUCTS INC ; MIRABELLA PETER W

Assignee(s): MIJAK PRODUCTS INC ; COLE TAYLOR BANK ; DAVIS JAMES B ; MI JACK SYSTEMS AND TECHNOLOGY

LLC

Inventor(s): (std): LANIGAN WILLIAM P ; MIRABELLA PETER W ; DAVIS JAMES B

Inventor(s): PETER W MIRABELLA ; WILLIAM P LANIGAN

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU IE IS IT JP KE KG KP KR KZ LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG US VN WZ

245) Family number: 41782596 (WO08054352A2)

© PatBase

Title: ANTI-TERRORIST SECURITY DEVICE FOR CARGO CONTAINERS

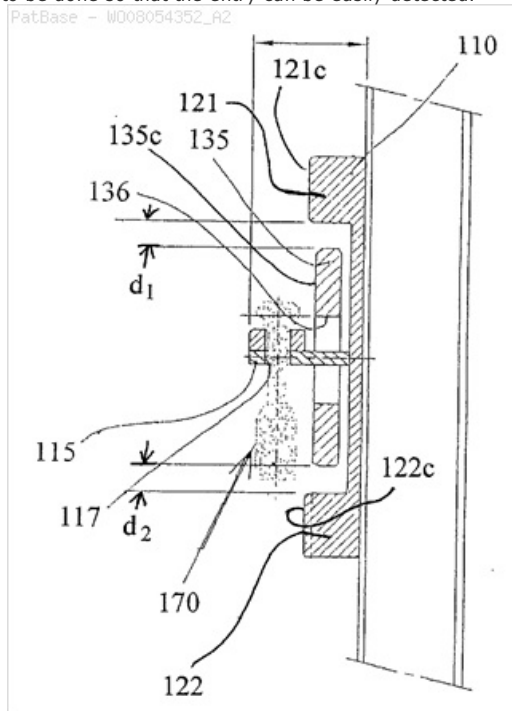
Abstract: An anti-terrorist security device is provided for a cargo container having first and second hinged access doors. A heavy gauge steel block member is welded to a metallic center frame member of the first door and a heavy gauge steel plate member is welded to the center frame member of the second door. The plate member carries a protrusion that extends laterally across the block member. An opening in the protrusion is formed to allow a tab carried by the block member to extend through the protrusion to receive a Customs seal. The device may be retrofitted onto existing containers without having to modify the hinged access doors or the vertical rods carried by the hinged doors. The device is sufficiently rugged that, in order to overcome the device, sufficient damage would have to be done so that the entry can be easily detected.

Classifications:

International (IPC 8-9): E05B63/24 (Advanced/Invention)

CPC: E05B39/00 E05B83/02

European: E05B39/00 E05B83/02



Family:

Publication number	Publication date	Application number	Application date
WO08054352 A2	20080508	WO2006US31062	20060808
WO08054352 A3	20081218	WO2006US31062	20060808

Priority:

US20050708027P 20050812

Probable Assignee: CROWLEY MARITIME CORP

Assignee(s): (std): CROWLEY MARITIME CORP ; SEARLE RICHARD S

Inventor(s): (std): SEARLE RICHARD S

Agent(s): JOHNSONBAUGH BRUCE H

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 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 MW MX 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 SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

246) Family number: 8316605 (EP0744520A2)

© PatBase

Title: SAFETY DEVICE FOR CONTAINERS AS VIDEO CASSETTES, AUDIO CASSETTES, CD-HOLDERS, OR SIMILAR

Abstract: The device uses a rigid frame enclosing the entire periphery of the cassette or CD box, incorporating a detector strip or a detector coil for radio waves. The frame has openings (2,3,2',3') on 2 opposing sides, corresponding in size to the dimensions of the cassette or CD box and a movable locking element (4) with an associated pivot element (6) projecting inwards into a locking position under control of a spring bias. The spring (9) can be released via a magnet, to allow subsequent movement of the locking element into the open position via a special tool.

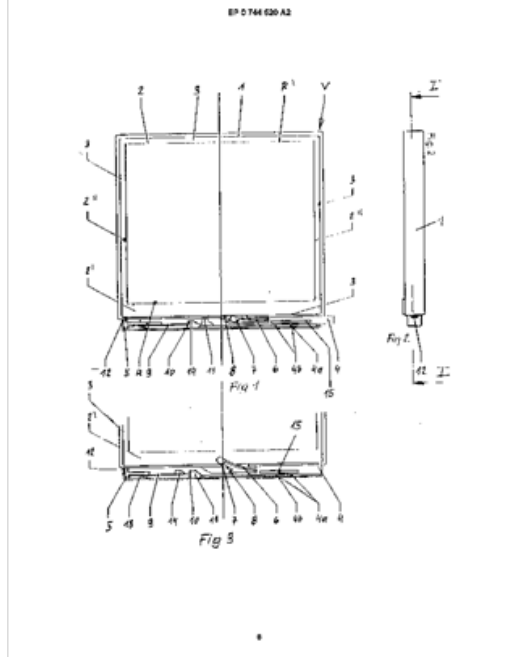
Classifications:

International (IPC 8-9): E05B73/00 (Advanced/Invention)

International (IPC 1-7): A47F7/024 E05B73/00

CPC: E05B73/0023

European: E05B73/00B2

**Family:**

Publication number	Publication date	Application number	Application date
AT403345 B	19980126	AT19950000869	19950523
AT86995 A	19970615	AT19950000869	19950523
EP0744520 A2	19961127	EP19960890088	19960522
EP0744520 A3	19961211	EP19960890088	19960522

Priority:

AT19950000869 19950523

Probable Assignee: MULTIPLAST KUNSTSTOFFVERARBEIT**Assignee(s):** (std): MULTIPLAST KUNSTSTOFFVERARBEIT**Assignee(s):** MULTIPLAST KUNSTSTOFFVERARBEITUNG GMBH ; MULTIPLAST KUNSTSTOFFVERARBEITUNGS GMBH**Inventor(s):** (std): BITAI GABRIEL DIPL ING**Designated states:** BE CH DE ES FI FR GB IT LI NL PT SE**247) Family number: 12250607 (US4900182A)**

© PatBase

Title: LOCK AND RELEASE APPARATUS

Abstract: A lock and release apparatus comprises an integrally cooperating bar and collar combination which provides a variety of gripping and releasing arrangements; wherein the bar of such combination defines a plurality of circumferentially alternating surfaces, including at least one flat surface and one arcuate surface; and, wherein the collar of such combination defines a ball and cam relationship which cooperates with the arcuate surface of the bar to provide a gripping action between the bar and collar, which is releasable by variety of arrangements made functional by the present invention.

Classifications:

International (IPC 8-9): E05B25/00 E05B35/04 E05B5/02 E05B63/12 E05B63/24 E05B65/02 E05B67/36 F16B2/16

F16B7/14 (Advanced/Invention);

E05B13/10 E05B65/19 (Advanced/Non-invention);

E05B25/00 E05B35/00 E05B5/00 E05B63/00 E05B65/02 F16B2/02

F16B7/00 (Core/Invention);

E05B13/00 E05B65/12 (Core/Non-invention)

International (IPC 1-7): B60R25/02 E05B25/00 E05B27/08

E05B65/02 E05B67/36 F16B7/00

CPC: Y10T403/599 Y10T403/31 Y10T403/592 Y10T403/7098

F16B2/16 Y10T70/443 Y10T70/5761 Y10T70/7593 Y10T70/7751

Y10T70/778 E05B63/244 E05B5/003 E05B13/108 Y10T292/0864

Y10T292/1099 E05B63/121 E05B83/24 F16B7/1409

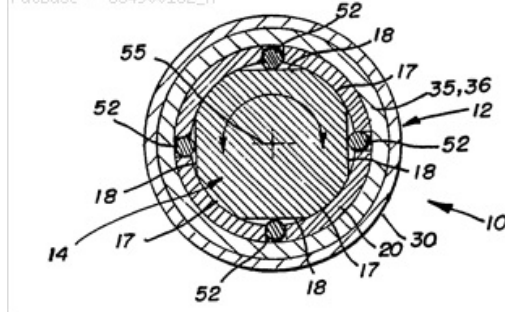
European: E05B5/00B E05B63/12B E05B63/24C F16B2/16

F16B7/14B P05B13/10E2 P05B83/24

US: 292/251 292/58 403/322 403/322.2 403/325 403/359 403/383

403/50 70/208 70/34 70/386 70/391 70/491

PatBase - US4900182_A

**Family:**

Publication number	Publication date	Application number	Application date
AT121158 E	19950415	AT19900913652T	19900830
CA2065318 AA	19920221	CA19902065318	19900830
DE69018640 D1	19950518	DE19906018640	19900830
EP0490965 A1	19920624	EP19900913652	19900830
EP0490965 A4	19920826	EP19900913652	19900830
EP0490965 B1	19950412	EP19900913652	19900830
JP5505860 T2	19930826	JP19900512758T	19900830
US4900182 A	19900213	US19890327250	19890322
US5022243 A	19910611	US19890403665	19890906

US5027630 A	19910702	US19890358888	19890530
US5050413 A	19910924	US19900557305	19900723
US5141355 A	19920825	US19910716053	19910617
US5197314 A	19930330	US19910698917	19910513
US5269161 A	19931214	US19910676100	19910327
US5269161 C1	20061017	US19910676100	19910327
US5269161 C2	20081125	US19910676100	19910327
US5272894 A	19931228	US19910751879	19910828
US5467619 A	19951121	US19930106436	19930813
US5467619 C1	20070612	US19930106436	19930813
WO9011454 A1	19901004	WO1990US01552	19900322
WO9104386 A1	19910404	WO1990US04947	19900830

Priority:

US19890327250 19890322	US19890358888 19890530	US19890403665 19890906
US19890425016 19891023	US19900557305 19900723	WO1990US04947 19900830
US19910676100 19910327	US19910694103 19910501	US19910698917 19910513
US19910716053 19910617	US19910751879 19910828	US19920834248 19920213
US19930011196 19930129	US19930106436 19930813	

Probable Assignee: STAR LOCK SYSTEMS INC

Assignee(s): (std): STILLWAGON APPLIED TECHONOLOGY ; STILLWAGON APPLIED TECHNOLOGY ; STAR LOCK CO ; STAR LOCK SYSTEMS INC

Assignee(s): STAR LOCK SYSTEMS INC 4300 OLD ROBERTS ROAD COLUMB ; STAR LOCK CO A CORP OF DE ; EMBRY DONALD ; STILLWAGON APPLIED TECHNOLOGY INC ; STILLWAGON APPLIED TECHNOLOGY INC ; STAR LOCK SYSTEMS INC COLUMBUS OHIO US ; STAR LOCK SYSTEMS INC A CORP OF OH ; STAR LOCK SYSTEMS INC AN OH CORP ; STILLWAGON APPLIED TECHNOLOGY INC 4300 OLD ROBERTS ; STILLWAGON WOODROW C ; STAR LOCK SYSTEMS INC 4300 OLD ROBERTS ROAD COLUMBUS OH A CORP OF OH ; STAR LOCK SYSTEMS INC 4300 OLD ROBERTS ROAD COLUMBUS OHIO 43228 A CORP OF OHIO ; STILLWAGON APPLIED TECHNOLOGY INC 4300 OLD ROBERTS RD COLUMBUS OH AN OH CORP

Inventor(s): (std): EMBRY DONALD ; KUESTER JEFFREY R ; STILLWAGON WOODROW ; STILLWAGON WOODROW C ; COUNTY DAVIESS

Inventor(s): STILLWAGON WOODROW C DUNWOODY GA 30338 US ; EMBRY DONALD OWENSBORO KY 42301 US

Agent(s): RIDOUT AND MAYBEE LLP

Designated states: AT BE CA CH DE DK ES FR GB IT JP LI LU NL SE US

248) Family number: 17694611 (DE9204933U1)

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Abstract: Source: DE9204933U1 [DE] (Claim 1) Sicherheitsvorrichtung fuer ein Tuerschloss Schutzansprueche 1. Sicherheitsvorrichtung fuer ein Tuerschloss (16) mit einem unmittelbar hinter dem Schloss (16) - in Angriffsrichtung auf das Schloss (16) betrachtet-angeordneten Riegel (30), der seine Position bei einer durch mechanischen Angriff auf das Schloss (16) bedingten Lageveraenderung des Schlosses (16) in Angriffsrichtung veraendert und auf eine Einrichtung (32,36) derart wirkt, dass mindestens ein, im Normalfall zurueckgezogener Bolzen (38) in eine Sperrstellung zwischen Tuer (14) und Rahmen (10) einrastet und/oder eine vom Schloss (16) aktivierbare Verriegelungseinheit (18) zwischen Tuer (14) und Rahmen (10) in der Verriegelungsstellung blockiert.

Machine translation: (Claim 1) Safety device for a first-locks Schutzansprueche Safety device for one-locks (16) with one right behind the castle (16) - in the direction of the attack on the lock (16) considered-mounted latch (30), its position at a by mechanical attack on the lock (16) related position alteration of the Castle (16) changed in direction of attack and a device (32,36) in such acts, that at least one engages normally retracted bolt (38) in a blocking position between the door (14) and frame (10) and / or from the castle (16) activated locking unit (18) between the door (14) and frame (10) blocked in the latched position.

Classifications:

International (IPC 8-9): E05B65/00 (Advanced/Invention); E05B65/00 (Core/Invention)

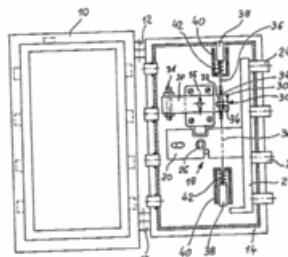
International (IPC 1-7): E05B17/20

CPC: E05B65/0082

European: E05B65/00S4

PatBase - DE9204933_U1

Fig 1



Publication number	Publication date	Application number	Application date
DE9204933 U1	19920730	DE19920004933U	19920409

Priority:

DE19920004933U 19920409

Probable Assignee: ADOLPHS GMBH AND CO 4030 RATINGEN DE KG

Assignee(s): ADOLPHS GMBH AND CO 4030 RATINGEN DE KG ; ADOLPHS GMBH AND CO KG 4030 RATINGEN DE

249) Family number: 42615615 (US2008297344A)

© PatBase

Title: METHOD FOR CONTROLLING SECURITY TRUCK DOOR LOCKER AND STRUCTURE FOR CONTROLLING SECURITY TRUCK DOOR LOCKER

Abstract: A method for controlling security truck door lockers and a structure for controlling security truck door lockers are disclosed. A control device is configured to control electronic lockers respectively mounted on security truck doors by means of detecting the unlocked/locked status of the electronic lockers and changing or not changing their status accordingly, and then informing users of the locker's current status. The electronic locker includes a substrate, a fastener, a stopper, a micro switch, and a locker core. When a bolt of the door fastens the fastener, the stopper horizontally moves to contact a bottom of the fastener by means of controlling the operation of the micro switch, or the locker core drives an engagement portion to contact the fastener so that the fastener is fastened and the locker is locked.

Classifications:

International (IPC 8-9): E05B45/06 E05B47/00 G08B5/36

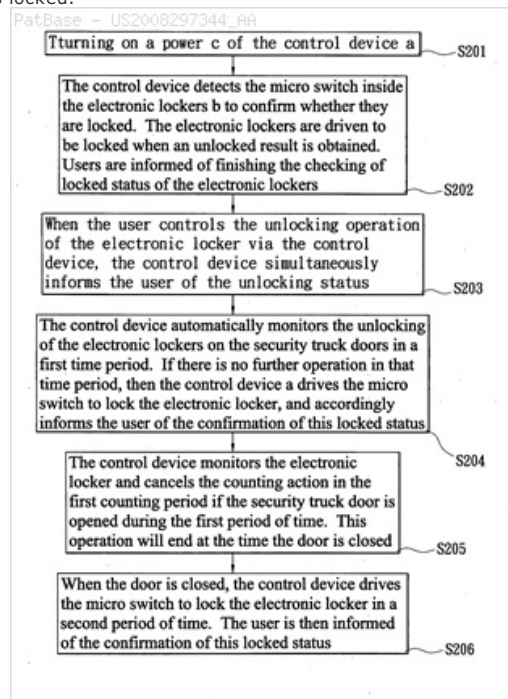
G08B5/38 (Advanced/Invention);

E05B45/00 E05B47/00 G08B5/22 (Core/Invention)

CPC: Y10T70/5155 E05B39/04 E05B45/06 E05B83/12

European: E05B39/04 E05B83/12 P05B45/06

US: 340/5.71 340/540 340/540P 340/542 340/545.1 340/555 340/815.45 340/815.45S 70/91 70/91S



Family:

Publication number	Publication date	Application number	Application date
US2008297344 AA	20081204	US20070809138	20070601
US7675415 BB	20100309	US20070809138	20070601

Priority:

US20070809138 20070601

Probable Assignee: YANG PING JAN

Assignee(s): (std): YANG PING JAN

Inventor(s): (std): YANG PING JAN

Agent(s): PING-JAN YANG; PING JAN YANG; ROSENBERG KLEIN AND LEE

250) Family number: 18732617 (DE414779A)

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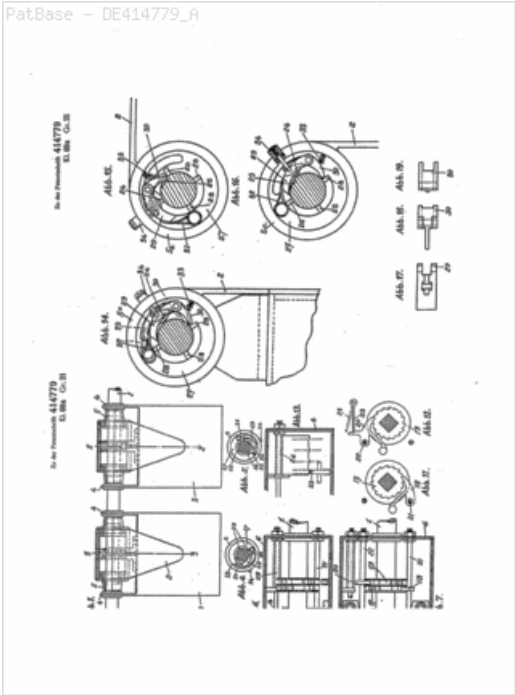
Title: DURCH EIN ZENTRALSCHLOSS BEWEGTE SICHERHEITSVORRICHTUNG AN WERTFAECHERN THROUGH A CENTRAL CASTLE BEWEGTE SAFETY DEVICE TO WERTFAECHERN (Machine translation)

Abstract: Source: DE414779A [DE] (Claim 1) 1. PATENTANSPRUECHE: i. Durch ein Zentralschloss bewegte Sicherheitsvorrichtung an Wertfaechern zur Aufbewahrung von Wertpapieren, Wert sachen usw., dadurch gekennzeichnet, dass die nebeneinander aufgestellten und hinter einander geschalteten Behaelter mit die Schluesselloecher bedeckenden Verschluss klappen versehen s:nd, die unabhaengig von einander dadurch geoeffnet und geschlos sen werden, dass eine alle Klappen tragende Welle laengsverschieblich bewegt und ge dreht wird, wozu fuer jeden Behaelter auf der Welle Sperrorgane vorgesehen sind, die durch Einwirken auf entsprechende, in den Klappen eingebaute Vorrichtungen das oeffnen und Schliessen der Klappen bewir ken.

Machine translation: (claim 1) 1 CLAIMS: i by a central lock moving safety device on Wertfaechern for safekeeping of securities, value things, etc., characterized in that the adjacent erected and folded cascaded containers with the Schluesselloecher covering closure s provided: nd, which opened independently of each other in and will be closed, that all the flaps bearing shaft moves longitudinally displaceable and is rotated, for which purpose for each container are provided on

the shaft locking members, the banks by acting on appropriate, of the catering in the flaps Devices incorporated the opening and closing of the flaps.

Classifications:
International (IPC 8-9): E05B35/12 (Advanced/Invention);
E05B35/00 (Core/Invention)
International (IPC 1-7): E05B35/12
CPC: E05B35/12
European: E05B35/12



Family:

Publication number	Publication date	Application number	Application date
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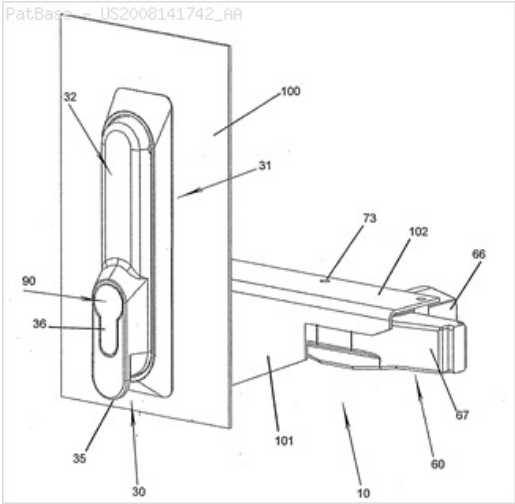
Probable Assignee: MAX FROELICH
Assignee(s): (std): MAX FROELICH

251) Family number: 33205620 (US2008141742A) © PatBase

Title: LOCKING ARRANGEMENT

Abstract: A locking arrangement (10) comprising a lockable handle assembly (31) having an independent locking mechanism (30), which mechanism cooperates with an engagement means (61) operable by an actuator (60), said actuator itself being operable by a vehicle's central locking system (not shown), wherein when the engagement means (61) is place in lockable contact with the locking mechanism (30) of the handle assembly (31) by the actuator (60), the locking arrangement (10) is placed in a locked condition.

Classifications:
International (IPC 8-9): E05B47/00 E05B65/12
E05B65/36 (Advanced/Invention);
E05B47/00 E05B65/12 E05B65/36 (Core/Invention)
CPC: E05B1/0092 E05B13/10 E05B15/0053 E05B47/0657 E05B85/10
E05C9/043 E05C9/048 E05B81/08 Y10T70/5832 Y10T70/7051
Y10T70/7057
European: E05B1/00T E05B13/10 E05B47/06D E05B81/00
E05B85/10 P05B15/00S P05C9/04E
US: 70/224 70/224P 70/275 70/275S 70/276 70/276S



Family:

Publication number	Publication date	Application number	Application date
AU2006207832 AA	20060727	AU20060207832	20060124
AU2006207832 BB	20120531	AU20060207832	20060124
US2008141742 AA	20080619	US20060571566	20060124
WO06076779 A1	20060727	WO2006AU00089	20060124

Priority:
AU20050900275 20050124 AU20060207832 20060124 WO2006AU00089 20060124

Probable Assignee: DAVID STUCKEY INVESTMENTS PTY LTD
Assignee(s): (std): BURGUNDY TRIAL PTY LTD ; DAVID STUCKEY INVEST PTY LTD ; STUCKEY DAVID MARTIN
Assignee(s): DAVID STUCKEY INVESTMENTS PTY LTD

Inventor(s): (std): STUCKEY DAVID MARTIN
Inventor(s): DAVID MARTIN STUCKEY
Agent(s): HOULIHAN2; HOULIHAN2; HOULIHAN2 PTY LTD; VENABLE CAMPILLO LOGAN AND MEANEY PC
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

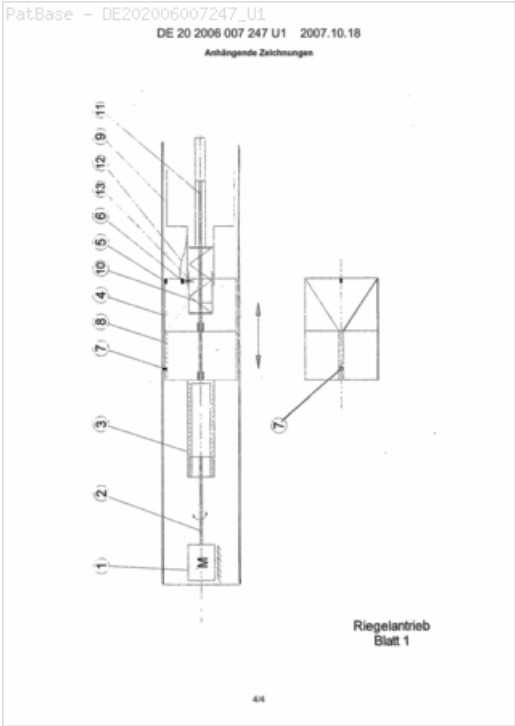
252) Family number: 38520621 (DE202006007247U1) © PatBase

Title: LOCKING DRIVE E.G. LOW-POWER MOMENT AMPLIFIER, FOR E.G. PORTABLE BOX, HAS PERMANENT MAGNET POSITIONED AT CAGE COVER BY ROTATION OF ELECTRIC MOTOR SUCH THAT MAGNET PULLS LOCKING PIN FROM LOCKING GROOVE

Abstract: The locking drive has a permanent magnet (5) positioned at a cage cover by rotation of an electric motor (1) such that the permanent magnet pulls a locking pin (6) from a locking groove (13). A drive shaft (2) of the motor in a spiral drive (3) moves a worm drive casing in a middle range in an axial direction. A spiral casing is flanged axially at a cage cover (4) for axially guiding the cage cover. Independent claims are also included for the following: (1) a drive shaft of a motor (2) a spiral casing of a locking drive.

Classifications:

International (IPC 8-9): E05B15/10 E05C1/00 (Advanced/Invention); E05B15/00 E05C1/00 (Core/Invention)
CPC: E05B15/022 E05B47/0012 E05B47/0038 E05B47/06 E05B2047/0016 E05B2047/0023
European: E05B47/00A4 E05B47/00B E05B47/00B2 E05B47/06 P05B15/02E2 P05B47/00A5C1 P05B47/00A5D3



Family:

Publication number	Publication date	Application number	Application date
DE202006007247 U1	20070913	DE200620007247U	20060506

Priority:

DE200620007247U 20060506

Probable Assignee: HUEBNER BURKHARD

Assignee(s): (std): HUEBNER BURKHARD

253) Family number: 30557622 (US2002116636A) © PatBase

Title: DEVICE AND METHOD FOR SECURING A CONTAINER AGAINST UNAUTHORIZED OPENING

Abstract: A device for securing a container, a drawer equipped with a remote-controlled locking device, for instance, against unauthorized opening is described. A workplace computer is equipped with a program for carrying out a security query, with which the access to the workplace computer is controlled. As a function of the running and the outcome of the security query, the locking device is simultaneously driven to lock or release the container. With the invention, it is assured that doors and drawers and the like are locked at all times when the authorized person is absent and, simultaneously, access by an unauthorized person to computer data is prevented.

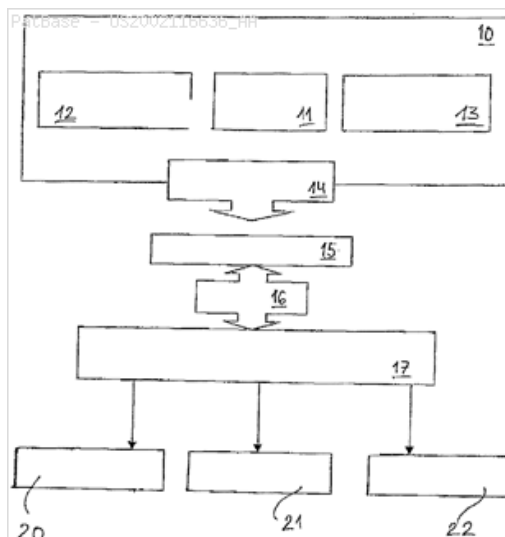
Classifications:

International (IPC 8-9): E05B47/00 E05B49/00 E05B65/00 G06F21/20 G07C9/00 H04L9/10 (Advanced/Invention); E05B65/46 (Advanced/Non-invention); E05B47/00 E05B49/00 E05B65/00 G06F21/20 G07C9/00 H04L9/10 (Core/Invention); E05B65/44 (Core/Non-invention)

International (IPC 1-7): E05B47/00 E05B49/00 E05B65/00 E05B65/46 G06F12/14 G06F15/00 H04L9/32

CPC: E05B47/00 E05B65/462 G07C9/00142 G07C9/00158 G07C9/00563 G07C9/00904

European: E05B47/00 G07C9/00C2B G07C9/00C2D G07C9/00E20B G07C9/00E6 P05B65/46C

**Family:**

Publication number	Publication date	Application number	Application date
DE10107444 A1	20020905	DE20011007444	20010216
EP1233128 A1	20020821	EP20020002785	20020207
JP2002322839 A2	20021108	JP20020037817	20020215
US2002116636 AA	20020822	US20020076304	20020219

Priority:

DE20011007444 20010216

Probable Assignee: EFF EFF FRITZ FUSS GMBH AND CO AA KG**Assignee(s):** (std): EFF EFF FRITZ FUSS GMBH AND CO KGAA ; FUSS FRITZ GMBH AND CO**Assignee(s):** HENNE KARL HEINZ ; EFF EFF FRITZ FUSS GMBH AND CO KOMMANDITGESELLSCHA ; EFF EFF FRITZ FUSS GMBH AND CO KOMMANDITGESELLSCHAFT AUF AKTIEN ; BAISCH THOMAS ; EFF EFF FRITZ FUSS GMBH ; EFF EFF FRITZ FUSS GMBH AND CO AA KG ; EFF EFF FRITZ FUSS GMBH AND CO KG AA**Inventor(s):** (std): BAISCH THOMAS ; HENNE KARL HEINZ**Agent(s):** IWAHASHI YUJI**Designated states:** AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR**254) Family number: 30218625 (US2002034321A)**

© PatBase

Title: LOCK AND SWITCH USING PRESSURE-TYPE FINGERPRINT SENSOR

Abstract: A lock has a pressure-based fingerprint sensor, the sensor detects the fingerprint pattern of the finger that presses the sensor, a matching circuit prepares a fingerprint code based on the detected fingerprint pattern, this code is compared with registered fingerprint codes stored in a memory device to determine whether there is a match, and if there is a match, a control unit unlocks the locking mechanism of a concerned object.

Classifications:

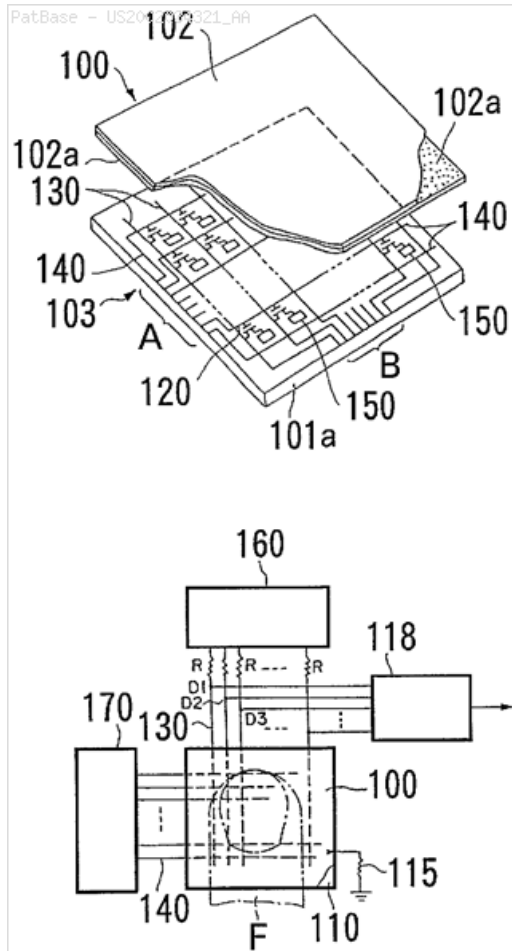
International (IPC 8-9): E05B49/00 G01L5/00 G06K9/00
 G07C9/00 (Advanced/Invention);
 G06K9/00 G07C9/00 (Core/Invention)

International (IPC 1-7): E05B49/00 G01L5/00 G06K9/00

CPC: G06F21/32 G07C9/00571 G06K9/00006 G07C9/00087
 G07C9/00103 G07C9/00158 G07C9/00563

European: G06K9/00A G07C9/00B6D4 G07C9/00B8 G07C9/00C2D
 G07C9/00E6 G07C9/00E7

US: 340/5.53 340/55.3 340/553 382/124 382/124P

**Family:**

Publication number	Publication date	Application number	Application date
AU199853413 A1	19990719	AU19980053413	19971226
BRPI9714544 A	20000321	BR1997PI14544	19971226
CN1247586 A	20000315	CN19971081928	19971226
EA001521 B1	20010423	EA19990000771	19971226
EA199900771 A1	20000424	EA19990000771	19971226
EP0976897 A1	20000202	EP19970950430	19971226
EP0976897 A4	20001011	EP19970950430	19971226
US2002034321 AA	20020321	US19990367630	19990819
US6980672 BB	20051227	US19990367630	19990819
WO9934080 A1	19990708	WO1997JP04895	19971226

Priority:

BR1997PI14544 19971226 CN19971081928 19971226 WO1997JP04895 19971226
 US19990367630 19990819

Probable Assignee: ENIX CORP

Assignee(s): (std): ENIX CORP ; FUJIMOTO YOSHINARI ; SAITO YOSHIHIRO ; TAMORI TERUHIKO

Inventor(s): (std): FUJIMOTO YOSHINARI ; SAITO YOSHIHIRO ; TAMORI TERUHIKO ; TERUHIKO FUJIMOTO ; TERUHIKO TAMORI ; YOSHIHIRO SAITO ; YOSHINARI FUJIMOTO ; TAMORI TERUHIKO ; FUJIMOTO TERUHIKO

Agent(s): THOMPSON COBURN LLP

Designated states: AM AT AU AZ BE BF BJ BR BY CA CF CG CH CI CM CN DE DK ES FI FR GA GB GN GR ID IE IL IT JP KG KR KZ LI LU MC MD ML MR MX NE NL PL PT RO RU SE SG SN TD TG TJ TM TR UA US VN

255) Family number: 70238634 (US2018181126A)

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Title: CONTROLLING ACCESS TO COMPARTMENTS OF A CARGO TRANSPORTATION UNIT

Abstract: In some examples, a controller directs transport of a cargo transportation unit (CTU) to a plurality of pickup locations or a plurality of destination locations in response to requests of a plurality of requesters. The controller controls access to a plurality of compartments in the CTU, wherein controlling the access comprises selecting respective compartments of the plurality of compartments in which to place cargo items for the requests, the selecting based on characteristics of the cargo items and characteristics of the respective compartments.

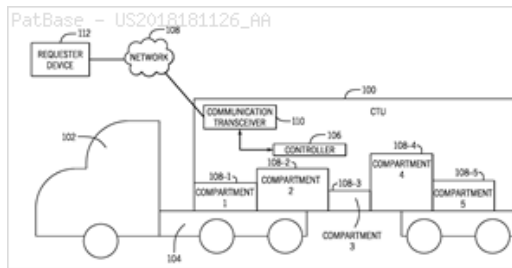
Classifications:

International (IPC 8-9): B60P1/64 B60R25/01 E05B47/00 G05D1/00
 G05D1/02 G06Q10/08 G06Q50/30 (Advanced/Invention)

CPC: G05D1/0088 G05D1/0212 G06Q10/08355 G05D1/0011
 B60R25/01 G05D1/0291 G07C9/00174 G07C9/00571

G07C2009/0092

US: 701/2



Family:

Publication number	Publication date	Application number	Application date
US2018181126 AA	20180628	US20160388491	20161222
WO18112633 A1	20180628	WO2017CA51556	20171220

Priority:

US20160388491 20161222

Probable Assignee: BLACKBERRY LTD

Assignee(s): (std): BLACKBERRY LTD

Inventor(s): (std): SEAMAN CONRAD DELBERT ; DEV PRABHUL ; WEST STEPHEN

Agent(s): MOFFAT AND CO

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 DJ 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 JO JP KE KG KH KM KN KP KR KW 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

256) Family number: 17501639 (US4577750A)

© PatBase

Title: Impregnable locking system

Abstract: Impregnable locking system of the fastening of display-boxes called "blisters", consisting in a box in two articulated halves having on the side opposite their hinge fastening flaps destined to be held one against the other by this system, characterized in that it consists in a clip destined to cover these two flaps, and between which is attached a transversal shaft, a vertical notch made in the flaps allowing this shaft to go through when the clip is put into place, two gears being slid onto this shaft, between the outer side of each flap and the corresponding side of the clip, the means being provided so that these gears are constantly pushed towards each other, and once this clip placed on the flaps, the gears come to rest in the lodgings made in the outer sides of the flaps, therefore immobilizing the clip onto the flaps, external means being provided to push the gears in the opposite direction to take them out of the lodgings to allow the extraction of the clip and to free the flaps of the blister to allow its opening.

Classifications:

International (IPC 8-9): A45C 13/10 B65D 55/02

E05B 47/00 (Advanced/Invention);

B65D 55/02 E05B 47/00 (Core/Invention)

International (IPC 1-7): A45C 13/10 A47F B65D 25/20 B65D 55/02

B65D 55/08 B65D 55/14 B65D 75/36 B65D 79/00 E05B G09F 3/00

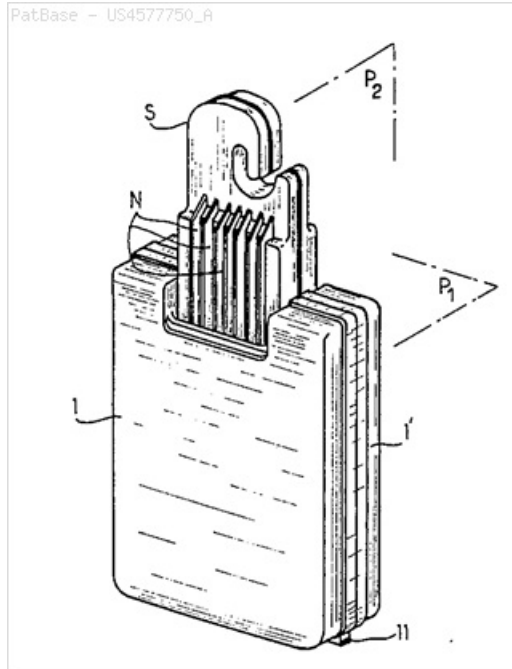
CPC: B65D 55/02 E05B 73/0023 E05B 73/0041 E05B 73/0052

E05B 73/0058 E05B 73/0017

European: B65D 55/02 E05B 47/00B2 E05B 73/00B E05B 73/00B2

E05B 73/00B5 E05B 73/00B8A E05B 73/00B8A1

US: 206/1.5 206/461 220/230 220/315



Family:

Publication number	Publication date	Application number	Application date
BE903820 A	19860401	BE19852060867	19851210
CA1242590 A1	19881004	CA19850497376	19851211
CH667251 A	19880930	CH19850005287	19851211
DE3543503 A1	19860626	DE19853543503	19851210
DE3601242 A1	19870507	DE19863601242	19860117
ES549845 A0	19861216	ES19850549845	19851211
ES551574 A0	19871016	ES19860551574	19860203
ES551574 A2	19871016	ES19860551574	19860203
ES8706086 A1	19861216	ES19850549845	19851211

ES8708119 A2	19871016	ES19860551574	19860203
FR2578226 A1	19860905	FR19840019035	19841211
FR2578226 B1	19870507	FR19840019035	19841211
FR2589442 A2	19870507	FR19850016475	19851105
FR2589442 B2	19880212	FR19850016475	19851105
GB2171142 A1	19860820	GB19850030529	19851211
GB2171142 B2	19880824	GB19850030529	19851211
GB8530529 A0	19860122	GB19850030529	19851211
IT8554207 U0	19851211	IT19850054207U	19851211
IT8568036 A0	19851211	IT19850068036	19851211
LU86160 A	19860324	LU19850086160	19851112
NL8503232 A	19860701	NL19850003232	19851123
NL8503232 A1	19860701	NL19850003232	19851123
US4577750 A	19860325	US19850755149	19850715
US4727984 A	19880301	US19860830328	19860218

Priority:

FR19840019035 19841211 FR19850016475 19851105 CA19850497376 19851211

Probable Assignee: MICROTECHNIC SA

Assignee(s): (std): MICROTECHNIC SA ; MICROTECHNIC DIVISION PRODEM

Assignee(s): MICROTECHNIC S A M ; BENNARDO GILBERT ; SAM MICROTECHNIC ZI FONTVIEILLE 5 RUE DE 1 INDUSTRIE ; MICROTECHNIC SAM ; S A M MICROTECHNIC EN LOCATION GERANCE ; MONEGASQUE MICROTECHNIC SA ; S A MONEGASQUE MICROTECHNIC ; SAM MICROTECHNIC A FRENCH CORP ; MICROTECHNIC SAM 5 RUE DE 1'INDUSTRIE 98000 PRINCI ; MICROTECHNIC SAM EN LOCATION GERANCE SOC

Inventor(s): (std): BENNARDO GILBERT ; BENNARO GILBERT ; GILBERT BENNARDO

Agent(s): BKP GP

257) Family number: 47676641 (AU2009248467A)

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Title: Locking device

Abstract: A locking device suitable for locking a window of a canopy of a utility vehicle or a lid of a tool box associated with a vehicle, the vehicle having a security system, the locking device allowing the window or lid to be locked in a closed position, the locking device comprising a controller, mountable window or lid, which can be electrically actuated by the security system of the vehicle to release the locking device to, in turn, unlock the window or lid. 2142301_1 (GHMalters) 11/12/09 10 13o

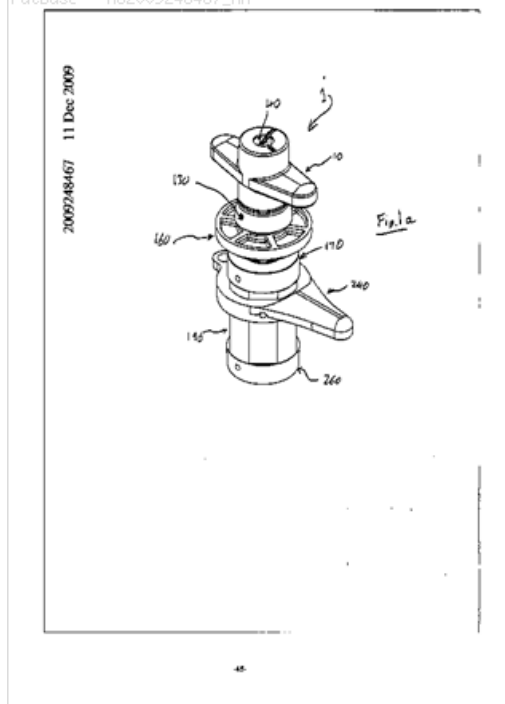
Classifications:

International (IPC 8-9): B60J7/10 B60J7/185 B60P7/02 B60R9/048 E05B47/06 E05B65/12 E05B65/19 (Advanced/Invention)

CPC: E05B13/108 E05B47/0012 E05B47/0661 E05B2047/0016 E05B2047/0086 E05C3/042

European: E05B13/10E2 E05B47/06D E05B47/06D2 E05C3/04B2 P05B47/00A4 P05B47/00A5C1 P05B47/00K3

PatBase - AU2009248467_AA



Family:

Publication number	Publication date	Application number	Application date
AU2009248467 AA	20101111	AU20090248467	20091211

Priority:

AU20090901802 20090425 AU20090248467 20091211

Probable Assignee: T9 NET AU PTY LTD

Assignee(s): (std): T9 NET AU PTY LTD

Assignee(s): T9NETAU PTY LTD

Inventor(s): (std): BYRNES MARK

Inventor(s): MARK BYRNES

Agent(s): GRIFFITH HACK

Title: MOBILE TOOL FACILITY

Abstract: A mobile tool facility is provided having a container configured to be moved to a plurality of locations. A portal system is positioned in an interior of the container and spaced from a container end allowing access to the portal system. The portal system is operable to control access into and out of the container. A radio frequency shield wall is positioned in the interior of the container and spaced from the portal system allowing access between the portal system and the shield wall. The shield wall is configured to reduce an amount of electromagnetic energy entering the interior of the container. An auxiliary power unit associated with the container is operable to provide power to the portal system. A plurality of items stored in the interior of the container in a controlled space is available to be removed from the container through the portal system by an authorized individual.

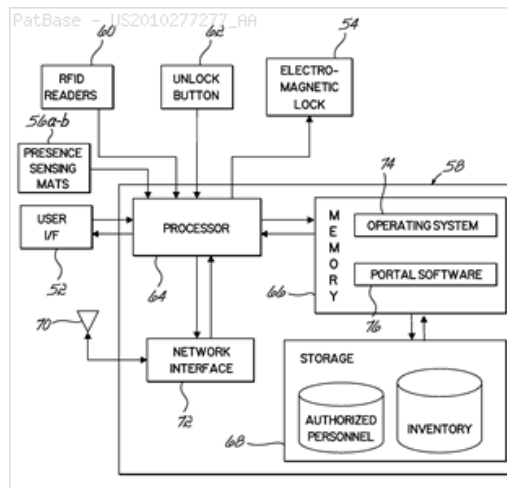
Classifications:

International (IPC 8-9): B60R25/00 B65D85/00 E05B47/00 G05B19/00 G05B23/00 G06F7/00 G06F7/04 G06Q10/00 G06Q10/08 G07C9/00 G08B29/00 G08C19/00 H04B1/00 H04B3/00 H04Q1/00 H04Q9/00 (Advanced/Invention); G01V3/12 (Advanced/Non-invention)

CPC: Y10T70/308 Y10T70/7028 Y10T70/7057 Y10T70/7068 G07C9/00111 G07C9/00912 G07C2009/00793

European: G07C9/00B10 S07C9/00E14C6 S07C9/00E20C

US: 340/10.1 340/10.52 340/5.7 340/5.72 340/5.720P 340/5.8 340/5.92 340/5.920S 70/271 70/276 70/278.1 70/3



Family:

Publication number	Publication date	Application number	Application date
CA2665112 AA	20101029	CA20092665112	20090501
CA2665112 C	20141007	CA20092665112	20090501
US2010277277 AA	20101104	US20090432361	20090429
US8686831 BB	20140401	US20090432361	20090429

Priority:

US20090432361 20090429

Probable Assignee: JOB SITE RESOURCES LLC

Assignee(s): (std): GREEN MICHAEL ; HALL KEVIN ; JOB SITE RESOURCES LLC

Assignee(s): JOB SITE RESOURCES LLC P.O. BOX 2220 WESTERVILLE OH 43086 US

Inventor(s): (std): GREEN MICHAEL ; HALL KEVIN

Inventor(s): GREEN MICHAEL US ; HALL KEVIN US

Agent(s): MACRAE AND CO; WOOD HERRON AND EVANS LLP; STEPHEN F; TAFT STETTINIUS AND HOLLISTER LLP

Title: SECURITY CABINET, COMBINED SECURITY UNIT AND PICK UNIT, AND ATM INCLUDING SUCH AN ARRANGEMENT

Abstract: A security cabinet (2) is provided in which security boxes are protected by virtue of being connected to a spoiling system. A data processor monitors sensors around the cabinet to determine when an attack is being made.

Classifications:

International (IPC 8-9): E05G1/00 E05G1/14

G07D11/00 (Advanced/Invention);

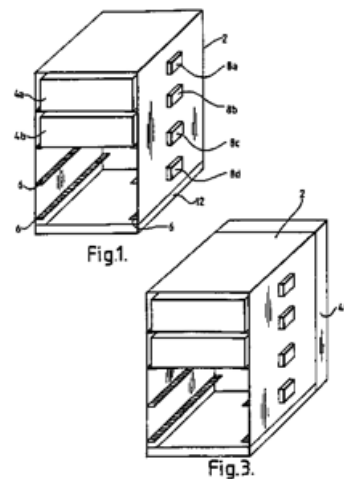
E05G1/00 G07D11/00 (Core/Invention)

International (IPC 1-7): E05G1/00 E05G1/14 G07D11/00 G08B15/02

CPC: E05G1/14 G07D11/12 G07D11/22 G07D11/26 E05G1/005

European: E05G1/00C E05G1/14 G07D11/00E G07D11/00F4

US: 109/25 109/29

**Family:**

Publication number	Publication date	Application number	Application date
AU200061679 A1	20010205	AU20000061679	20000711
AU200061679 A5	20010205	AU20000061679D	20000711
CA2379865 AA	20020118	CA20002379865	20000711
CA2379865 C	20111108	CA20002379865	20000711
DE60025493 D1	20060406	DE20006025493	20000711
DE60025493 D1	20060406	DE20006025493T	20000711
DE60025493 T2	20060907	DE20006025493T	20000711
EP1196897 A1	20020417	EP20000948106	20000711
EP1196897 B1	20060111	EP20000948106	20000711
ES2256021 T3	20060716	ES20000948106T	20000711
GB2353067 A1	20010214	GB19990016893	19990719
GB2353067 B2	20010718	GB19990016893	19990719
GB9916893 A0	19990922	GB19990016893	19990719
US6895873 BA	20050524	US20020030561	20020425
WO0106464 A1	20010125	WO2000GB02682	20000711

Priority:

GB19990016893 19990719 WO2000GB02682 20000711

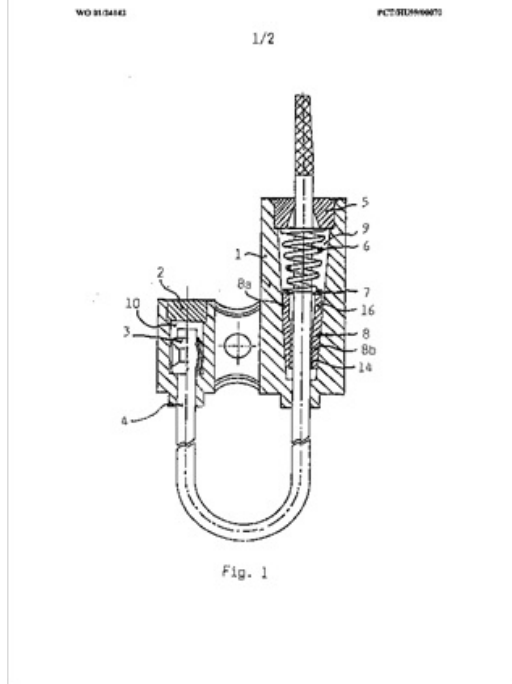
Probable Assignee: OBERTHUR CASH PROTECTION**Assignee(s):** (std): FLUIDITI LTD ; SEARLE ANDREW ; SPINNAKER INT LIMITE ; SPINNAKER INT LTD ; SPINNAKER INTERNATIONAL LIMITED**Assignee(s):** AXYTRANS ; AXYTRANS SA ; FLUIDITI LIMITED ; SPINNAKER INTIONAL ; SPINNAKER INT ; FLUIDITI LTD LONDON ; LAW 2300 LTD ; OBERTHUR CASH PROTECTION**Inventor(s):** (std): SEARLE ANDREW**Inventor(s):** ANDREW SEARLE**Agent(s):** HILL AND SCHUMACHER; REISING ETHINGTON BARNES KISSELLE PC**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 CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW**260) Family number: 15307648** (WO0124142A1)

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Title: SEAL LOCKING DEVICE

Abstract: The invention relates to a seal locking device, especially used to protect the doors of loading openings in railway wagons, container doors and the trunks of passenger cars from unauthorized opening and to indicate opening. The inventive device comprises a housing (1), a guide element (5) and a flexible through-binding element (4). The housing is provided with a recess (10) and a tapered (9) bushing. A clamping element is arranged inside the recess and secured to one end of the through-binding element. The inventive device is characterized in that segments (8a, 8b) provided with locking molded parts (14) are inserted into the tapered bushing (9). Said segments (8a, 8b) form a self-locking bushing (8) and are connected to a stabilizing element (7).

Classifications:**International (IPC 8-9):** G09F3/03 (Advanced/Invention); G09F3/03 (Core/Invention)**International (IPC 1-7):** E05B39/02 G09F3/03**CPC:** G09F3/0358**European:** G09F3/03A6C

**Family:**

Publication number	Publication date	Application number	Application date
HU221156 B1	20020828	HU19990003244	19990927
HU9903244 AB	20010628	HU19990003244	19990927
WO0124142 A1	20010405	WO1999HU00070	19991020

Priority:

HU19990003244 19990927

Probable Assignee: SZABO LASZLO**Assignee(s):** (std): SZABO LASZLO**Inventor(s):** (std): SZABO LASZLO**Designated states:** AM AT AZ BE BY CH CY CZ DE DK ES FI FR GB GR IE IT KG KZ LU MC MD NL PL PT RO RU SE SI SK TJ TM UA US YU**261) Family number: 54900649 (US2014338410A)**

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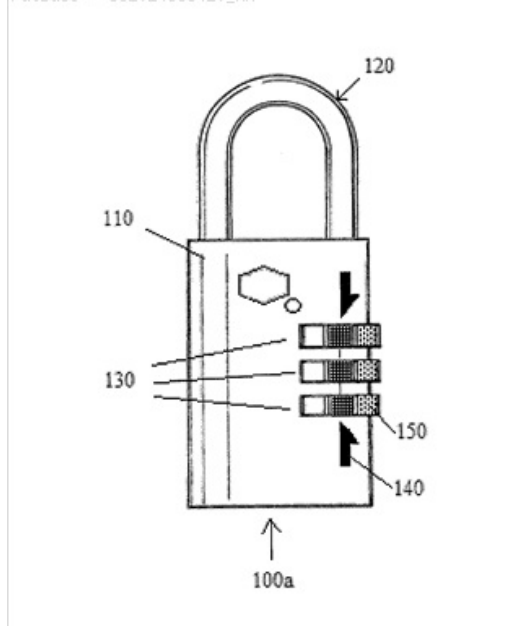
Title: NON-NUMERIC, NON-TEXTUAL, COLOR-CODED COMBINATION LOCKING DEVICES AND METHODS

Abstract: A non-numeric, non-textual, color-coded combination locking device has a body, a locking mechanism, and a plurality of dial wheels with colors indicia as identifying members. The wheels rotate relative to the body and locking mechanism and display a plurality of colors across the device. The wheels and the color indicia are configured to simultaneously display colors across the device. The design provides users a different way to remember the unlocking codes in colors instead of numbers and/or letters.

Classifications:**International (IPC 8-9):** E05B37/00 E05B37/02 E05B37/20

E05B37/22 E05B65/52 (Advanced/Invention);

E05B67/22 (Advanced/Non-invention)

CPC: E05B37/0072 E05B37/00 Y10T70/7418**US:** 70/332**Family:**

Publication number	Publication date	Application number	Application date
CA2821490 AA	20141114	CA20132821490	20130722
CN104153650 A	20141119	CN201310331349	20130801
GB201313299 A0	20130911	GB20130013299	20130725
US2014338410 AA	20141120	US20130893403	20130514

Priority:

US20130893403 20130514

Probable Assignee: YINGYEN LEE

Assignee(s): (std): LEE YINGYEN ; YINGYEN LEE

Assignee(s): LEE YINGYEN2 HILLVIEW AVENUEPORT WASHINGTONNY11050US

Inventor(s): (std): LEE YINGYEN ; YINGYEN LEE

Inventor(s): LEE YINGYEN2 HILLVIEW AVENUEPORT WASHINGTONNY11050US

Agent(s): OSLER HOSKIN AND HARCOURT LLP

262) Family number: 11659650 (DE3926186A1)

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Title: SAFETY LOCK FOR DOORS OR CONTAINERS - HAS ROD LINKAGE OPERATED, HOOK-SHAPED, SECURING ELEMENT CONTROLLING DOOR ETC. LOCK

Abstract: The door etc locking mechanism has a manually operated lever (24) with a ratchet assembly (25-27) moving via a push-rod (24), toggle lever (21) and a push-rod (17) securing element (12) swivelling on the fulcrum (13). The securing element is provided with a notch (11) which engages with a lug (10) on a locking hook (5) keeping a pin (6) on the door wing in closed position. The fulcrum, on which the hook operates, carries a rigidly connected arm (7) which terminates in a vertical rod (8) engaging a stirrup (9) on the door wing. USE/ADVANTAGE - For car doors, lids, flaps on container doors, with additional security, simple handling, even for subsequent fitting.

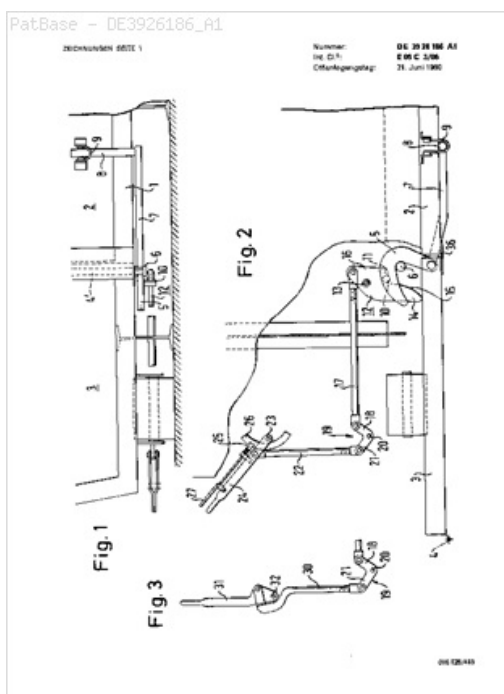
Classifications:

International (IPC 8-9): E05B17/20 E05B65/16 E05B77/44 E05B83/10 (Advanced/Invention); E05B17/00 E05B65/12 (Core/Invention)

International (IPC 1-7): B62D33/04 E05B65/12 E05C3/06

CPC: E05B77/44 E05B83/10 E05B17/2034

European: E05B17/20D21R E05B83/10



Family:

Publication number	Publication date	Application number	Application date
DE3926186 A1	19900621	DE19893926186	19890808
DE3926186 C2	19950921	DE19893926186	19890808

Priority:

DE19883842118 19881214 DE19893926186 19890808

Probable Assignee: EDELHOFF POLYTECHNIK

Assignee(s): (std): BROSCHE WILFRIED DIPL ING ; EDELHOFF POLYTECHNIK

Assignee(s): EDELHOFF POLYTECHNIK GMBH AND CO 5860 ISERLOHN DE ; BROSCHE WILFRIED DIPL ING 44625 HERNE DE

Inventor(s): (std): BROSCHE WILFRIED DIPL ING ; BROSCHE WILFRIED

Inventor(s): BROSCHE WILFRIED 4690 HERNE DE

263) Family number: 33061657 (US2007252393A)

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Title: PADDLE LATCH

Abstract: A paddle latch comprising a housing defining a first side and a second side, a shaft extending through the housing defining a first shaft portion on the first side and a second shaft portion on the second side, a paddle for actuation by a latch user on the first side and a releasable latch member for co-operation with an associated striker to latch the paddle latch on the second side wherein the paddle is connected to the first shaft portion and the latch member is connected to the second shaft portion such that torque may be transferred from the paddle to the latch member to release the latch member from the

striker in use.

Classifications:

International (IPC 8-9): E05C 1/12 E05C 3/12 (Advanced/Invention);

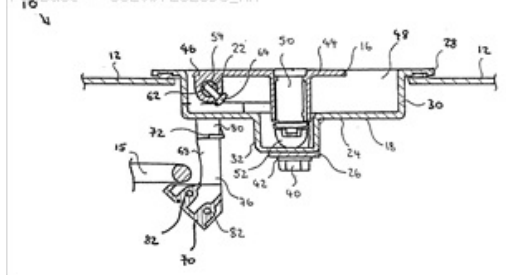
E05C 1/00 E05C 3/00 (Core/Invention)

CPC: Y10T 70/5761 Y10T 292/0994 E05C 3/122 E05C 3/162

European: E05C 3/12B E05C 3/16B

US: 292/173 292/173P 70/208

PatBase - US2007252393_AA



Family:

Publication number	Publication date	Application number	Application date
GB200606631 A0	20060510	GB20060006631	20060401
GB2436590 A1	20071003	GB20060006631	20060401
GB2436590 B2	20110921	GB20060006631	20060401
US2007252393 AA	20071101	US20070693428	20070329
US8136850 BB	20120320	US20070693428	20070329

Priority:

GB20060006631 20060401

Probable Assignee: WESTON BODY HARDWARE COMPANY NO 08453799 LTD

Assignee(s): (std): DOWNING MATTHEW ; WESTON BODY HARDWARE LTD ; WESTON BODY HARDWARE LTD ; WOLLACOTT MARTIN

Assignee(s): WESTON BODY HARDWARE COMPANY NO 08453799 LTD ; WESTON BODY HARDWARE LIMITED ; MRX DORMANT CO LTD ; WESTON BODY HARDWARE LIMITED

Inventor(s): (std): DOWNING MATT ; DOWNING MATTHEW ; WOLLACOTT MARTIN

Inventor(s): MARTIN WOLLACOTT ; MATT DOWNING

Agent(s): BARNES AND THORNBURG LLP

264) Family number: 28318667 (US2002180582A)

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Title: ELECTRONIC KEY DEVICE A SYSTEM AND A METHOD OF MANAGING ELECTRONIC KEY INFORMATION

Abstract: An efficient method and a system for controlling access to a location secured by a lock mechanism controlled by a lock control unit, which may provide a high degree of flexibility and a high level of security; the method comprises the steps of storing a first access code in the lock control unit, the first access code being indicative of a predetermined access right to the location; storing a second access code in a second storage means; using an electronic key device for requesting access to the location by initiating transmitting the access code from the second storage means to the lock control unit; comparing the transmitted second access code with the first access code; and if the first access code corresponds to the second access code, initiating operating the lock mechanism; the invention further relates to a method of managing a predetermined access right to a location.

Classifications:

International (IPC 8-9): E05B E05B 49/00 G05B 19/00 G06F 7/00

G07C G07C 9/00 G08B 29/00 H04B 1/00 H04L 12/56 H04M

H04M 11/00 (Advanced/Invention);

E05B 49/00 H04L 12/56 (Advanced/Non-invention);

E05B 49/00 G05B 19/00 G06F 7/00 G07C 9/00 G08B 29/00 H04B 1/00

H04L 12/56 H04M 11/00 (Core/Invention)

International (IPC 1-7): E05B 49/00 G07C 9/00 H04M 11/00 H04Q 1/00

G07C 9/00103 G07C 9/00182 G07C 9/00571 G07C 9/00896

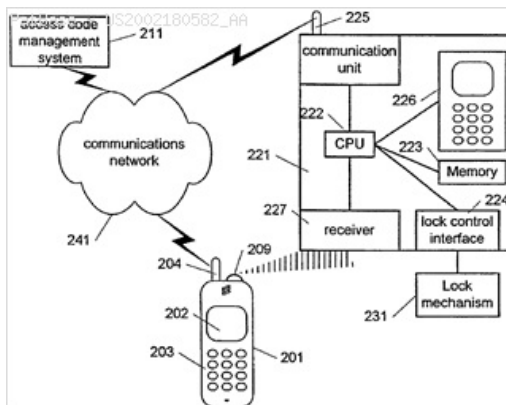
G07C 2009/00261 G07C 2009/00785 H04W 12/08

European: G07C 9/00B8 G07C 9/00E2 G07C 9/00E20 G07C 9/00E7

S07C 9/00E14C4 S07C 9/00E2H T04W 12/08

US: 340/5.6 340/5.600P 340/5.61 340/5.64 340/5.65 340/56

340/56.1 340/56.4 340/56.5



Family:

Publication number	Publication date	Application number	Application date
AU200115132 A1	20010612	AU20010015132	20001130
AU200115132 A5	20010612	AU20010015132	20001130
AU200115133 A1	20010612	AU20010015133	20001130
AU200115133 A5	20010612	AU20010015133	20001130
AU778481 B2	20041209	AU20010015132	20001130
CA2392405 AA	20020522	CA20002392405	20001130
CN1239800 C	20060201	CN20008017675	20001130
CN1413283 A	20030423	CN20008017675	20001130
EP1234084 A1	20020828	EP20000977400	20001130
HK1052209 A1	20060908	HK20030104404	20030619
HK1052209 B	20060908	HK20030104404	20030619
JP2003515688 T2	20030507	JP20010542663T	20001130
US2002180582 AA	20021205	US20020129963	20020521
US7012503 BB	20060314	US20000129963	20001130
WO0140605 A1	20010607	WO2000DK00655	20001130
WO0141075 A1	20010607	WO2000DK00656	20001130

Priority:

DK19990001714 19991130

WO2000DK00655 20001130

WO2000DK00656 20001130

Probable Assignee: SMART LOCK LLC**Assignee(s):** (std): BORDING DATA A S ; BORDING DATA AS ; BORDING DATAA S ; NIELSEN ERNST LYKKE**Assignee(s):** SMART LOCK LLC ; TRIDENT IP SOLUTIONS LLC ; TEXAS IP VENTURES II LLC**Inventor(s):** (std): NIELSEN E L ; NIELSEN ERNST LYKKE ; ERNST LYKKE NIELSEN ; EL NIELSEN ; E L NIELSEN**Agent(s):** GRIFFITH HACK; OGILVY RENAULT LLP SENCRL SRL; MOTOMIYA TERUHISA; FUJINO IKUO; TAKANASHI NORIMICHI; UBUKATA KAZUO; KATO NOBUAKI; TAKAHASHI SEIICHIRO; OCHI TAKAO; USUI SHINICHI; OKABE MASAO; YOSHIZAWA HIROSHI; ASAHINOBUITSU; JACOBSON HOLMAN PLLC**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 CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN 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 NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW**265) Family number: 34972669** (US2007193318A)

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Title: CONSUMER PRODUCT DISPENSING SYSTEM

Abstract: A consumer product dispensing system and method may include a product dispensing unit having a plurality of vending compartments. Each compartment may be adapted to contain a consumer product and may be accessible through a separate door secured with a lock. A single use access mechanism attached to each door may allow a customer to unlock the lock for a one-time access to one of the vending compartments. Once the lock is unlocked, subsequent unlocking of the lock may be prohibited until the lock is reset. The single use access mechanism may include a key capture lock system and a single use access mechanism actuating element such as a key. Such a system and method may be useful for dispensing consumer products at a location remote from the point of sale.

Classifications:**International (IPC 8-9):** A47G29/14 E05B11/00 G07F17/12 G07F5/26 G07F7/06 (Advanced/Invention);

A47G29/00 E05B11/00 G07F17/10 G07F5/00

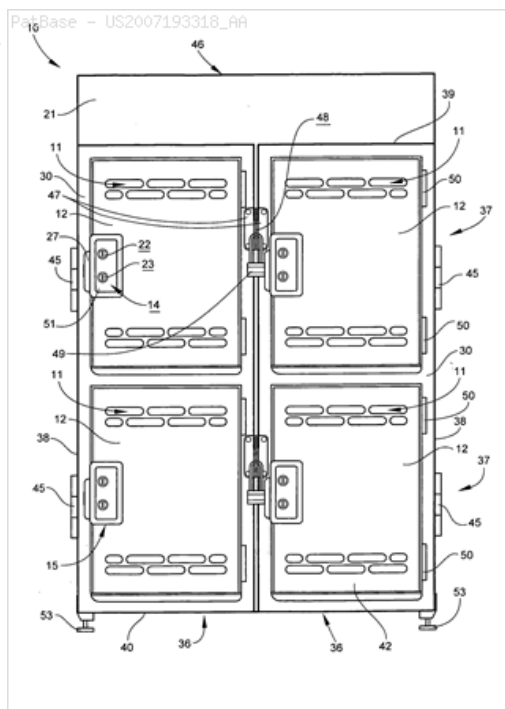
G07F7/00 (Core/Invention)

CPC: Y10T70/7768 G07F5/26 E05B11/00 E05B35/08 G07F7/00

G07F7/0609 G07F11/62 G07F17/12

European: E05B11/00 E05B35/08 G07F11/62 G07F17/12 G07F5/26

G07F7/00 G07F7/06B

US: 70/389 70/389P**Family:**

Publication number	Publication date	Application number	Application date
US2007193318 AA	20070823	US20070699544	20070129
WO07089749 A2	20070809	WO2007US02482	20070129
WO07089749 A3	20071221	WO2007US02482	20070129

Priority:

US20060763167P 20060127

US20070699544 20070129

Probable Assignee: FERRELLGAS LP D B A BLUE RHINO CORP**Assignee(s):** (std): CHURCHILL ALEX ; FERRELLGAS L P ; MCCRAW LESLIE ; HIENZ JEFF ; ROMANIK MARK**Assignee(s):** FERRELLGAS LP ; FERRELLGAS LP D B A BLUE RHINO CORP**Inventor(s):** (std): MCCRAW LESLIE ; HIENZ JEFF ; ROMANIK MARK ; CHURCHILL ALEX**Agent(s):** KILPATRICK STOCKTON LLP**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR 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 MG MK ML MN MR 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 SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**266) Family number: 51043677** (US2012103032A)

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Title: SECURITY COVER FOR CARGO CONTAINERS

Abstract: A security device for a shipping container of the type having doors with a vertically disposed rotatable keeper bar

Priority:

US20110450185P 20110308 US20120414348 20120307 WO2012US28073 20120307
US20120465289 20120507 US20180103554 20180814

Probable Assignee: SECURITY ENHANCEMENT SYSTEMS LLC

Assignee(s): (std): SECURITY ENHANCEMENT SYSTEMS LLC ; UFKES PHILIP J

Assignee(s): SECURITY ENHANCEMENT SYSTEMS LLCA SOUTH CAROLINA LIMITED LIABILITY COMPANY5914
HOWARD STREETHANAHANSC29410US

Inventor(s): (std): UFKES PHILIP J ; TRAPANI MATTHEW FRANK

Inventor(s): UFKES PHILIP JUS

Agent(s): CULLENS PATENT AND TRADE MARK ATTORNEYS; CULLENS PTY LTD; SPRUSON AND FERGUSON;
MACPHERSON LESLIE AND TYERMAN LLP; BROWN FRASER GREGORY JAMES; FINCH GREGORY; FINCH
PAOLINO LLC; KILLOUGH B CRAIG

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

268) Family number: 64976687 (US2017053099A)

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Title: PRESCRIPTION STORAGE AND RETRIEVAL SYSTEM

Abstract: A system and method for securely storing and retrieving prescriptions. The system may include storage containers into which the prescriptions may be placed, a storage matrix with an outer housing and compartments for the storage containers, a transport system, scanners, and a control system. The transport system within the outer housing may selectively move the storage containers attached to the attachment device to locations or coordinates of any of the compartments. The control system may command the transport system to relocate any of the storage containers from one of the compartments to another of the compartments and may track locations of the prescriptions based on information from the scanners or other sensors for later retrieval by authorized user.

Classifications:

International (IPC 8-9): E05B65/02 G05B19/12 G06F19/00

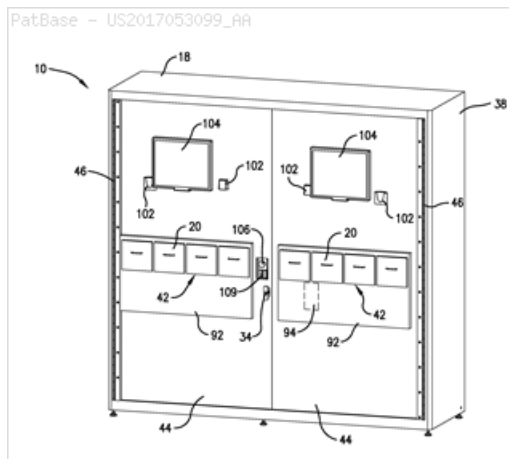
G06F21/31 G06K7/10 (Advanced/Invention)

CPC: G06F21/31 G05B2219/32287 G05B19/0426 G05B2219/25196

G05B2219/33199 G06F19/3462 G07F11/02 G07F11/42 G07F11/46

G07F11/62 G07F17/0092 G16H20/13 G06Q10/08

US: 726/17

**Family:**

Publication number	Publication date	Application number	Application date
US2017053099 AA	20170223	US20160235278	20160812

Priority:

US20150208297P 20150821 US20150219220P 20150916 US20150254453P 20151112
US20160291922P 20160205 US20160311230P 20160321 US20160235278 20160812

Probable Assignee: SCRIPTPRO LLC

Assignee(s): (std): SCRIPTPRO LLC

Inventor(s): (std): LOCKARD BRADLEY G ; SKAGGS MICHAEL E ; COUGHLIN MICHAEL E ; LEONARD RONALD A

269) Family number: 783688 (FR2046818A)

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Title: COMMANDE A DISTANCE DE DISPOSITIFS DE SURETE;

Abstract: Source: FR2046818A [FR] [Source: Claim 1] 1. - Appareillage de supervision pour les fermetures de vehicules, caracterise en ce qu'il comporte un dispositif de blocage pour la fermeture, soumis a des conditions dans lesquelles il empêche et permet selectivement la manoeuvre d'un organe de blocage et d'un dispositif recepteur electronique couple au dit dispositif de blocage et sensible a des signaux de radio pour modifier sa condition.

Machine translation: [Source: Claim 1] 1.-equipment of supervision for closures of vehicles, caractereise in that he has blocking for closing, subject has of the conditions in which it empêche and allows selectivement operating a body of blocking and a receiver couple says lock and sensitive electronic device has radio signals to change its condition.

Classifications:

International (IPC 8-9): E05B47/00 E05B65/14 E05F15/20

G07C9/00 (Advanced/Invention);

G07C9/00 (Core/Invention)

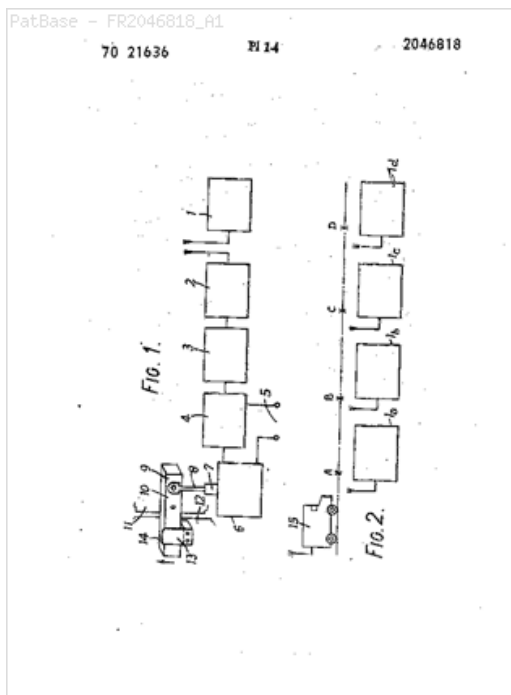
International (IPC 1-7): B60J5/00 B60R25/00 E05B47/00 E05B49/00

G08B G08C17/00 G08C19/26

CPC: G07C9/00103 G07C9/00182 G07C2009/00793 G07C2009/0092

G07C2209/04

European: G07C9/00B8 G07C9/00E2 S07C209/04 S07C9/00E14C6

**Family:**

Publication number	Publication date	Application number	Application date
AU197015880 A1	19711209	AU19700015880	19700603
AU207015880 A1	19711209	AU19700015880	19700603
BE751270 A	19701116	BE19700751270	19700601
DE2029417 A1	19710107	DE19702029417	19700609
FR2046818 A1	19710312	FR19700021636	19700612
NL7008740 A	19701221	NL19700008740	19700615

Priority:

CA19690030567 19690617	GB19690030567 19690617	GB19690035623 19690715
CA19690035623 19690717	GB19690035623 19690717	CA19700003093 19700122
GB19700003093 19700122		

Probable Assignee: RETY STEPHEN PAUL 4960 ROSLYN AVENUE WESTMOUBT MONTREAL CANADA

Assignee(s): (std): RETY STEPHEN ; RETY STEPHEN PAUL

Assignee(s): RETY STEPHEN PAUL 4960 ROSLYN AVENUE WESTMOUBT MONTREAL CANADA ; STEPHEN PAUL KETY ; STEPHEN PAUL RETY

Inventor(s): (std): RETY STEPHEN PAUL

Inventor(s): STEPHEN PAUL KETY ; STEPHEN PAUL RETY

270) Family number: 48140692 (ES1073331U)

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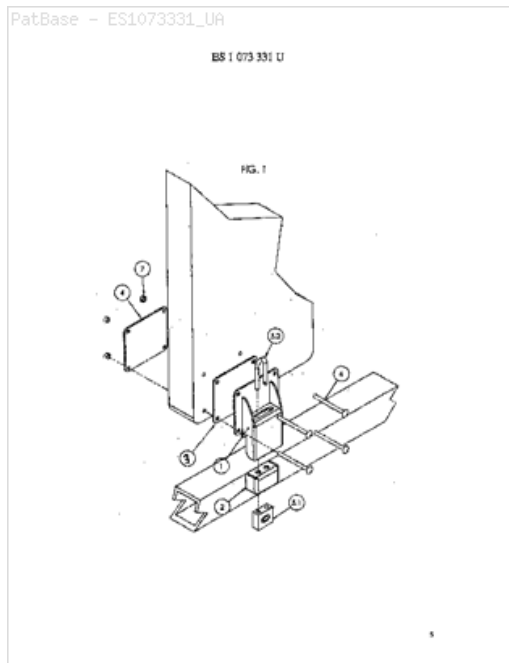
Title: CIERRE SEGURIDAD PARA PUERTAS CAMION, CONTENEDORES Y USOS SIMILARES TRUCK SAFETY SHUT DOORS, CONTAINERS AND SIMILAR USES (Machine translation)

Abstract: Source: ES1073331U [ES] 1. Cierre de seguridad, caracterizado por poseer dos bases de anclaje, una instalada solidaria a la hoja abatible (1), y otra soldada al chasis o marco de la puerta (2), ademas de un candado interior.

Machine translation: 1. Close up, characterized by having two mounting feet, one installed integral with the blade folding (1), and other welded to the frame or door frame (2), plus a lock inside.

Classifications:

International (IPC 8-9): E05B65/14 E05B83/02 (Advanced/Invention)

**Family:**

Publication number	Publication date	Application number	Application date
ES1073331 UA	20101201	ES20100000674U	20100621
ES1073331 Y1	20110228	ES20100000674U	20100621

Priority:

ES20100000674U 20100621

Probable Assignee: GARCIA RIOS JOSE**Assignee(s):** (std): GARCIA RIOS JOSE**Inventor(s):** (std): GARCIA DONATE RIOS DIEGO ; GARCIA RIOS JOSE**271) Family number: 35565694** (DE102006007690B4)

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Title: Kompaktverriegelungseinheit zur Verwendung an oder in Wertbehältern, fuer Waren- und Dienstleistungsautomaten, fuer Moebel, fuer Schiebetueren oder dergleichen

Abstract: A compact locking unit has a plate-shaped locking bolt (5) receptacle (4) and the other end of the object e.g. door, furniture item etc, such as a wall (2) of the furniture a goods automatic dispenser etc of associated control block (26), which has a locking recess (30) for receiving the locking bolt (5). The control block (26) is arranged rotatably adjustable in three different positions each differing from one another by 90 deg, e.g. rotationally adjustable by hand. The locking bolt (5) is located in the locking recess (30) by a blocking pin.

Classifications:

International (IPC 8-9): E05B65/00 E05B65/08 E05B65/44 E05B9/02 (Advanced/Invention);

E05B65/00 E05B65/08 E05B65/44 E05B9/00 (Core/Invention)

CPC: E05B47/0011 E05B47/0012 E05B47/026 E05B63/0056

E05B63/04 E05B65/087 E05B2015/0235 E05B2047/0016

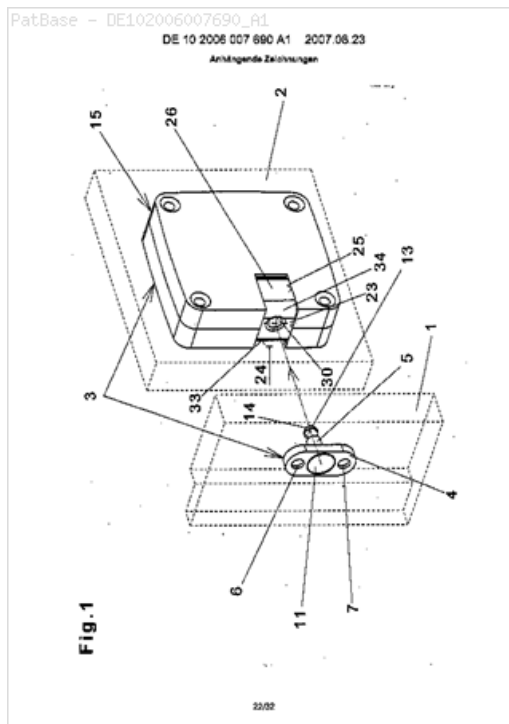
E05B2047/002 E05B2047/003 E05B2047/0086 E05B2063/0026

European: E05B47/00A3 E05B47/02 E05B47/02R E05B63/00S

E05B63/04 P05B15/02E3B P05B47/00A4 P05B47/00A5C1

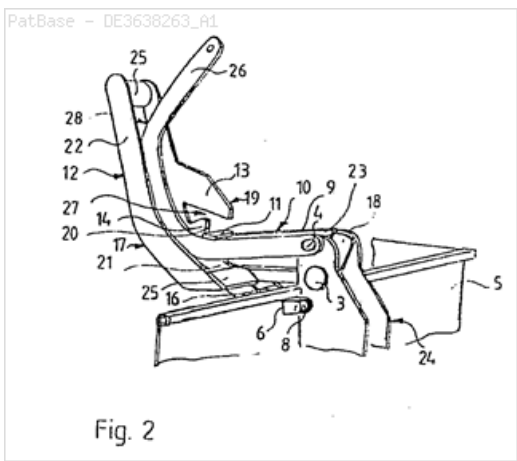
P05B47/00A5D1 P05B47/00A5D7C P05B47/00K3 P05B63/00D

P05B65/08F

**Family:**

Publication number	Publication date	Application number	Application date
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International (IPC 1-7): B65D88/56 E05C3/06
CPC: B60P1/04 B65D88/56
European: B60P1/04 B65D88/56



Family:

Publication number	Publication date	Application number	Application date
DE3638263 A1	19880511	DE19863638263	19861110
DE3638263 C2	19930311	DE19863638263	19861110

Priority:

DE19863638263 19861110

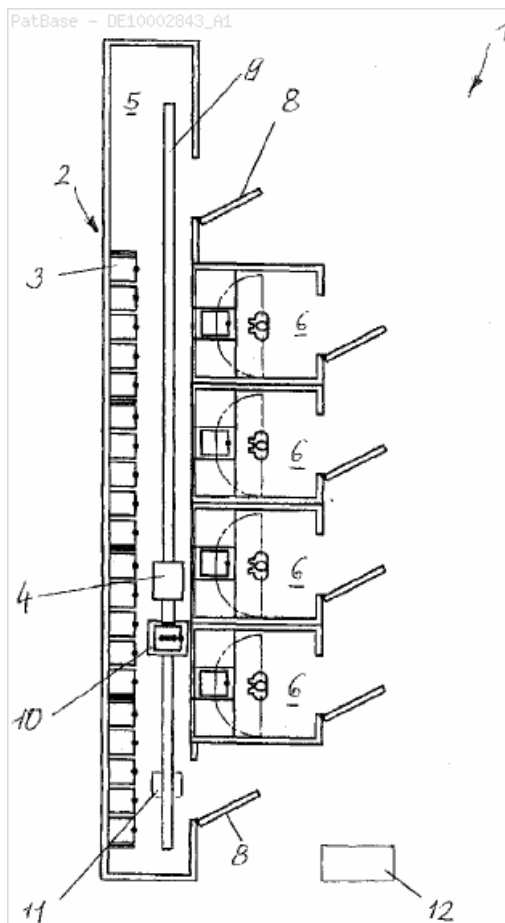
Probable Assignee: ZIEGLER HERMANN
Assignee(s): (std): ZIEGLER HERMANN
Assignee(s): ZIEGLER HERMANN 8530 NEUSTADT DE
Inventor(s): (std): ZIEGLER HERMANN
Inventor(s): ZIEGLER HERMANN 8530 NEUSTADT DE

274) Family number: 15457702 (DE10002843A1) © PatBase

Title: LOCKING COMPARTMENT SYSTEM, ESPECIALLY FOR BANKING, HAS SHELF SYSTEM IN SECURE AREA; CONTROL DEVICE PARTLY OUTSIDE SECURE AREA CAN TRANSPORT SELECTED HOLDERS TO NON-SECURE SERVICE AREA

Abstract: The arrangement has compartments in at least one shelf system for secure accommodation, withdrawal and insertion of objects, e.g. bank notes, on or in holders. The shelf system with the compartments and portable holders and an automatic control device are placed in a secure area. The control device can be partly outside the secure area and can transport selected holders to a service area outside the secure area alone or with a transport system. The arrangement has compartments in at least one shelf system (2) for secure accommodation, withdrawal and insertion of objects such as bank notes on or in holders (3) such as cassettes. The shelf system with the compartments and portable holders and an automatic shelf system control device (4) are placed in a secure area (5). The control device can be partly outside the secure area and can transport selected holders to a service area (6) outside the secure area alone or with an additional transport arrangement.

Classifications:
International (IPC 8-9): E05G1/06 (Advanced/Invention); E05G1/00 (Core/Invention)
International (IPC 1-7): E05G1/06
CPC: E05G1/06
European: E05G1/06



Family:

Publication number	Publication date	Application number	Application date
DE10002843 A1	20010802	DE20001002843	20000124

Priority:

DE20001002843 20000124

Probable Assignee: KNAPP LOGISTIK AUTOMATION
Assignee(s): (std): KNAPP LOGISTIK AUTOMATION
Assignee(s): KNAPP LOGISTIK AUTOMATION GMBH HART
Inventor(s): (std): FREUDELSPERGER KARL

275) Family number: 11111706 (AU199923561A)

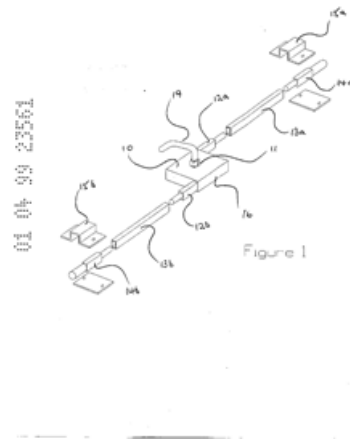
© PatBase

Title: AN IMPROVED LINKAGE

Abstract: OF PATENT SPECIFICATION IS ON FOLLOWING PAGE(S)

Classifications:

International (IPC 8-9): E05B17/08 E05C19/00 E05C9/02 E05C9/04
E05C9/06 E05C9/10 E05D1/06 (Advanced/Invention);
E05B17/00 E05C19/00 E05C9/00 E05D1/00 (Core/Invention)
International (IPC 1-7): E05B17/08 E05C19/00 E05C9/02 E05C9/04
E05C9/06 E05C9/10 E05D1/06

**Family:**

Publication number	Publication date	Application number	Application date
AU199923561 A1	19991014	AU19990023561	19990401
AU199965559 A1	20000706	AU19990065559	19991223
AU199965559 A5	20000706	AU19990065559	19991223
AU282098 A0	19980430	AU1998PP02820	19980406
AU714800 B2	20000113	AU19990023561	19990401
AU714800 C	20011011	AU19990023561	19990401

Priority:

AU1998PP02820 19980406 AU19990023561 19990401 AU19990065559 19991223

Probable Assignee: BACOSZ DEV PTY LTD

Assignee(s): (std): BACOSZ DEV PTY LTD

Assignee(s): BACOSZ DEVELOPMENTS PTY LTD

Inventor(s): (std): COOK BRIAN ARTHUR

Inventor(s): BRIAN ARTHUR COOK

Agent(s): PHILLIPS ORMONDE FITZPATRICK; BACOSZ DEVELOPMENTS PTY LTD

276) Family number: 35012721 (EP1818482A2)

© PatBase

Title: Key lock device

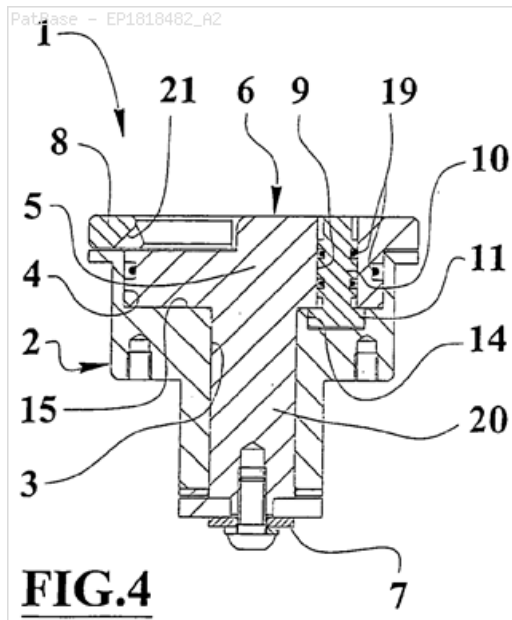
Abstract: A key lock device comprises a body (2) fit to be fixed to a door and provided with a seat (4) for a rotating member (6) provided, at one end, with a closure means (7) fit, in predetermined respective angular conditions, to lock and to unlock the door. The rotating member (6) has a lock (10) provided with an elongated head mean (11) fit to engage a channel (12), carried out in the body (2), having circular sector shape with each end provided with an enlargement (13, 14). The head means (11) is fit to slide into the channel (12) to allow the opening and closing positioning of the closure mean (7) in a condition in which said head mean (11) is approximately aligned to the channel (12) and to stop the closure mean (7) when said head mean (11) is in one of the two enlargements (13, 14) and almost perpendicular in respect to the channel (12).

Classifications:

International (IPC 8-9): E05B13/00 E05C3/04 (Advanced/Invention); E05B13/00 E05C3/00 (Core/Invention)

CPC: E05B1/0092 E05B13/002 E05B17/002 E05C3/042

European: E05B13/00C E05C3/04B2 P05B1/00T P05B17/00F



Family:

Publication number	Publication date	Application number	Application date
EP1818482 A2	20070815	EP20060026008	20061215
ITBO20050769 A1	20070617	IT2005BO00769	20051216

Priority:

IT2005bo00769 20051216

Probable Assignee: ART INOX SRL

Assignee(s): (std): ART INOX S R L ; ART INOX SRL

Inventor(s): (std): DELLASANTA MASSIMO

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

277) Family number: 3177721 (US4974888A)

© PatBase

Title: FASTENING APPARATUS

Abstract: A fastening apparatus operable to secure a pair of work objects to each other and wherein one of the work objects mounts an engagement member, the fastening apparatus having a mount adapted for attachment on the other of said work objects in substantially a predetermined position; and a grasping assembly borne by the mount and operable to expand upon movement of said engagement member therewithin and subsequently to contract for engagement with said engagement member to interlock the work objects.

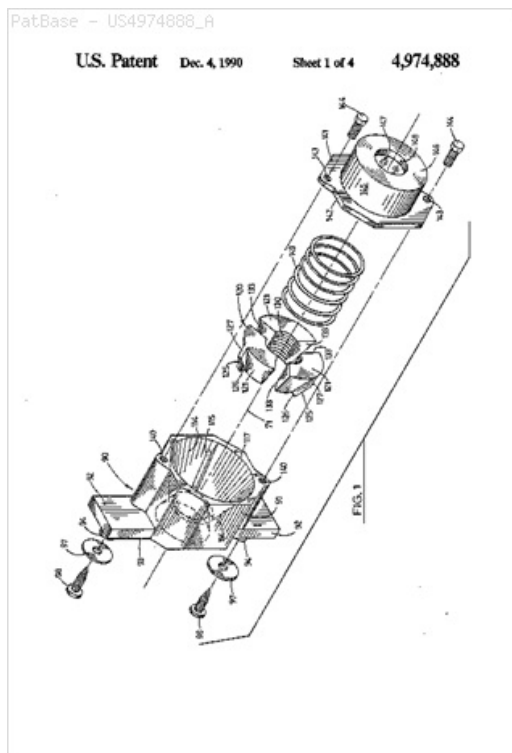
Classifications:

International (IPC 8-9): E05C5/04 F16B35/04 F16B37/08 F16B37/10 F16B39/36 G07F9/10 (Advanced/Invention); F16B35/04 (Advanced/Non-invention); F16B37/08 F16B39/00 G07F9/10 (Core/Invention); F16B35/04 (Core/Non-invention)

International (IPC 1-7): E05B65/00 E05C5/04 F16B21/08 F16B37/10
CPC: Y10T292/1099 Y10T292/71 F16B37/0857 F16B35/044 F16B39/36 G07F9/10

European: F16B37/08A14 F16B39/36 G07F9/10 R16B35/04B2

US: 292/251 292/342 411/433



Family:

Publication number	Publication date	Application number	Application date
AU198936183 A1	19900125	AU19890036183	19890608
AU632750 B2	19930114	AU19890036183	19890608
CA1326386 A1	19940125	CA19890606457	19890724
DE68924674 D1	19951207	DE19896024674	19890711
DE68924674 T2	19960620	DE19896024674T	19890711
EP0352542 A2	19900131	EP19890112690	19890711
EP0352542 A3	19901024	EP19890112690	19890711
EP0352542 B1	19951102	EP19890112690	19890711
ES2080735 T3	19960216	ES19890112690T	19890711
JP2209612 A2	19900821	JP19890192436	19890725
KR19900001948 A	19900227	KR19890010517	19890725
KR930005701 B1	19930624	KR19890010517	19890725
NZ229982 A	19920728	NZ19890229982	19890718
US4974888 A	19901204	US19880223804	19880725

Priority:

US19880223804 19880725 CA19890606457 19890724

Probable Assignee: THE VENDO COMPANY

Assignee(s): (std): VENDO CO

Assignee(s): VENDO CO 7209 N INGRAM AVENUE FRESNO CALIFORNIA 93650 A MISSOURI CORP ; VENDO CO THE ; VENDO COMPANY ; CHILDERS SPENCER L ; THE VENDO CO FRESNO CALIF US ; THE VENDO COMPANY

Inventor(s): (std): SUPENSAA ERU CHIRUDAASU ; CHILDERS SPENCER L

Inventor(s): CHILDERS SPENCER L FRESNO CALIFORNIA 93727 US ; SPENCER L CHILDERS

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR

Designated states: BE DE ES FR GB IT

278) Family number: 21126722 (DE474110A)

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Title: SCHUTZ- UND ALARMVORRICHTUNG ZUR SICHERUNG VON WERTBEHAELTERN UND FESTEN GEWAHRSAMEN GEGEN EINBRUCH UND FEUER PROTECTION AND ALARM DEVICE FOR SECURING WERTBEHAELTERN AND SOLID CUSTODY AGAINST BURGLARY AND FIRE (Machine translation)

Abstract: Source: DE474110A [DE] (Claim 1) PATENTANSPRUECHE: i. Schutz- und Alarmvorrichtung zur Sicherung von Wertbehaltern und festen Gewahrsamen gegen Einbruch und Feuer, bei welchen die hohlen Wandungen mit einer fluessigen oder gasfoermigen, unter anderem als dem Atmosphaerendruck stehenden Schutzfuellung versehen sind, dadurch gekennzeichnet, dass die hohlen Wandungen des Wertbehalters (i) und dessen Tuer (8) durch parallel zu den Aussenwaenden angeordnete, feste Zwischenwaende (3) in zwei oder mehr, von einander getrennte Hohlräume (6, 7, 9, 10) unterteilt sind, welche bekannte Schutzfuellungen aus gleichen oder verschiedenen Stoffen enthalten, die unter gleichen oder verschiedenen Drucken stehen und sich in gleichfoermiger Durchflussbewegung befinden.

Machine translation: (claim 1) CLAIMS: i protection and alarm device for securing value containers and solid Gewahrsamen against burglary and fire, in which the hollow body with a liquid or gaseous, are provided under other than the atmosphere pressurized holding charge, characterized that the hollow walls of the value container (i) and the door (8) through parallel to the outer walls arranged, solid intermediate walls (3) into two or more, mutually separate cavities (6, 7, 9, 10) are divided. known what protective panels of identical or different substances contain the same or are under various pressures and are located in a uniform flow-through motion.

Classifications:

International (IPC 8-9): E05B65/00 E05G1/10

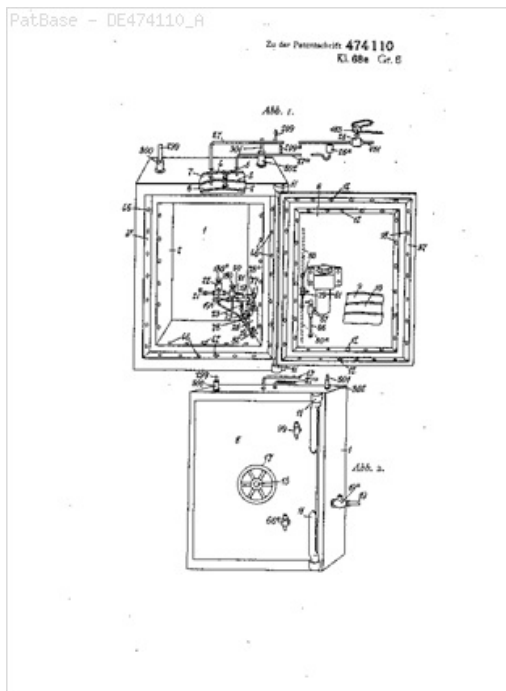
E05G1/12 (Advanced/Invention);

E05B65/00 E05G1/00 (Core/Invention)

International (IPC 1-7): E05B51/02 E05G1/10

CPC: E05G1/10 E05B65/0082 E05G1/12

European: E05B65/00S4 E05G1/10 E05G1/12



Family:

Publication number	Publication date	Application number	Application date
DE474110 A	19290330	DE19250014860D	19250405

Priority:

DE19250014860 19250405 DE19250014860 19250405
Probable Assignee: MORGAN CYPRIAN MCMAHON O BRIEN
Assignee(s): (std): MORGAN CYPRIAN MCMAHON O BRIEN

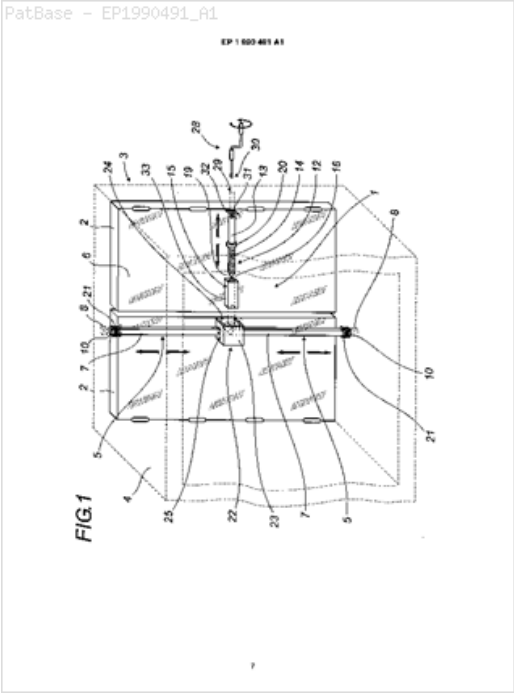
279) Family number: 42461725 (EP1990491A1) © PatBase

Title: DEVICE FOR ADDITIONAL LOCKING ON THE INSIDE OF A DOOR ASSEMBLY OF A CLOSED VOLUME FOR TRANSPORT OR STORAGE

Abstract: The device (1) has locking units (5) i.e. rod linkages, locking leaves (2) of a door assembly (3) via transversal/longitudinal locking bars (7) with ends (10) fixed to fixed elements (8). The elements are placed inside a closed storage/transporting volume (4) e.g. standard sea freight container, under an action of a locking/unlocking control mechanism (12) with a mechanical control connection. The mechanism is displacably actuated by a special coded opening/closing tool (28) i.e. winch shaped key, through a passage (29) that is arranged in a lateral wall placed adjacent to the assembly.

Classifications:

International (IPC 8-9): B65D88/12 B65D90/54 E05B17/14
E05B35/00 E05B65/16 E05C21/02 E05C9/04
E05C9/10 (Advanced/Invention);
B65D88/00 B65D90/00 E05B17/00 E05B35/00 E05B65/12 E05C21/00
E05C9/00 (Core/Invention)
CPC: E05B35/008 E05B63/0004 E05B83/12 E05C9/045
European: E05B83/12 E05C9/04G P05B35/00J P05B63/00A



Family:

Publication number	Publication date	Application number	Application date
EP1990491 A1	20081112	EP20080360009	20080425
FR2916008 A1	20081114	FR20070003341	20070510
FR2916008 B1	20090703	FR20070003341	20070510

Priority:

FR20070003341 20070510

Probable Assignee: MOUGENOT PROT INNOVATION

Assignee(s): (std): MOUGENOT PHILIPPE ; MOUGENOT PROT INNOVATION
Assignee(s): MOUGENOT PROTECTION INNOVATION ; PHILIPPE MOUGENOT
Inventor(s): (std): MOUGENOT PHILIPPE
Inventor(s): PHILIPPE MOUGENOT
Agent(s): METZ PAUL; LAURENT AND CHARRAS
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK TR

280) Family number: 46621728 (US7782200B) © PatBase

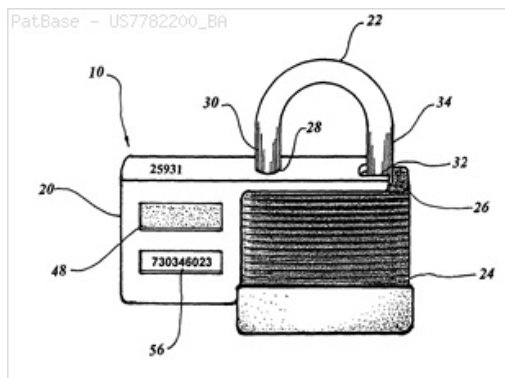
Title: REUSABLE ELECTRONIC TRAILER SEAL

Abstract: A reusable electronic seal for a trailer includes a structural enclosure configured to attach onto a shackle of a padlock with an electronic module integrated within the enclosure. A rechargeable battery circuit with a photovoltaic cell is in communication with a battery permitting the battery to be charged by the photovoltaic cell when the voltage is low. The electronic module incorporates a microprocessor, a random number generator and a liquid crystal display which communicates with the random number generator. A shackle engagement switch is configured to engage the padlock shackle, applying a signal to the microprocessor when the padlock has been opened. When the padlock is re-latched the shackle engagement switch triggers the microprocessor to signal the random number generator to transmit a new number to the liquid crystal display.

Classifications:

International (IPC 8-9): E05B17/00 E05B39/04
E05B45/06 (Advanced/Invention);
E05B17/00 E05B39/00 E05B45/00 (Core/Invention)
CPC: E05B39/04 E05B2047/0064 G09F3/0394 Y10T70/7407
Y10T70/8081 Y10T70/8162

European: E05B39/04 G09F3/03R P05B47/00E2S
US: 340/542 340/543 70/330 70/434 70/437



Family:

Publication number	Publication date	Application number	Application date
US7782200 BA	20100824	US20070977452	20071025

Priority:

US20060856327P 20061103 US20070977452 20071025

Probable Assignee: FLEISCHMANN ARTHUR R

Assignee(s): (std): FLEISCHMANN ARTHUR R

Inventor(s): (std): FLEISCHMANN ARTHUR R

Agent(s): GORDON K

281) Family number: 49304730 (US2013298808A)

© PatBase

Title: SECURITY SAFE AND SELF-SERVICE TERMINAL PROVIDED WITH SAME

Abstract: Disclosed are a security safe (1) and a self-service terminal provided with the security safe (1), wherein the security safe comprises a safe body (10) with a safe door (11) on at least one side thereof, the safe door (11) is provided with a safe door locking engagement system (12), and the safe door locking engagement system (12) comprises a movable latch (121) for achieving the locking engagement between the safe door (11) and the safe body (10). The locking engagement system (12) also comprises a brittle part fixedly provided on the inner side of the safe door (11), the brittle part controls at least one safe pin (123), and when the brittle part is broken the safe pin (123) keeps the movable latch (121) locked. The security safe (1) can solve the problem that there are weak areas in existing safes, and it has low cost and high reliability.

Classifications:

International (IPC 8-9): E05B E05B15/00 E05B15/12 E05B27/08 E05B37/20 E05B63/14 E05G E05G1/026

E05G1/04 (Advanced/Invention);

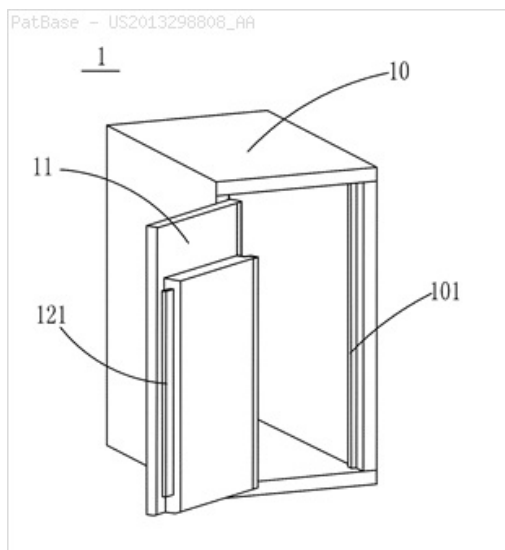
E05B17/20 E05B47/00 E05B65/00 (Advanced/Non-invention)

CPC: E05G1/04 E05B17/2038 E05B47/0002 E05B65/0075

E05B65/0082 E05G1/026

European: E05B65/00S4 E05G1/026 E05G1/04

US: 1/1 109/63.5



Family:

Publication number	Publication date	Application number	Application date
AU2011357333 AA	20120802	AU20110357333	20111025
AU2011357333 BB	20140925	AU20110357333	20111025
CL2013002078 A1	20140321	CL20130002078	20130719
CL53512 B	20161129	CL20130002078	20130719
CL53512 B	20161202	CL20130002078	20130719
CN102128001 A	20110720	CN201110027417	20110125
CN102128001 B	20120829	CN201110027417	20110125
EP2586951 A1	20130501	EP20110856678	20111025
EP2586951 A4	20140108	EP20110856678	20111025
EP2586951 B1	20190529	EP20110856678	20111025
IN01314MN2013 A	20140801	IN2013MN01314	20130705
US2013298808 AA	20131114	US20110811201	20111025
US9359805 BB	20160607	US20110811201	20111025
WO12100569 A1	20120802	WO2011C N081231	20111025
ZA201305663 A	20140326	ZA20130005663	20130725

Priority:

Probable Assignee: GRG BANKING EQUIPMENT CO LTD

Assignee(s): (std): GRG BANKING EQUIPMENT CO LTD ; TAN YONGAN ; XIE YUXUAN ; XU PENGYING

Assignee(s): GRG BANKING EQUIPMENT CO

Inventor(s): (std): XU PENGYING ; XIE YUXUAN ; TAN YONGAN ; AN TAN YONG ; PENGYING XU ; YUXUAN XIE ; YONGAN TAN

Inventor(s): TAN YONG AN

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; ESTUDIO CAREY LTDA; EPPING HERMANN FISCHER; WOLF GREENFIELD AND SACKS PC; UNITALEN ATTORNEYS AT LAW

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

282) Family number: 59143736 (WO15065944A1)

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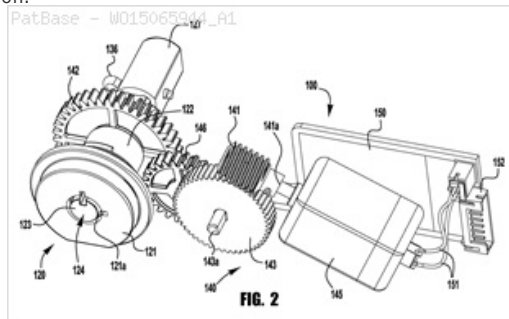
Title: ELECTROMECHANICAL LOCK CYLINDER

Abstract: A lock assembly includes a key cylinder lock and an electrically operable locking mechanism. The key cylinder lock includes a shell and a plug rotationally coupled with the shell in a locked condition and rotatable within the shell between first and second rotational positions in an unlocked condition upon insertion of an authorized key into a keyway in the plug. The electrically operable locking mechanism includes a power transfer member rotationally coupled with the shell, and an electrical driver connected with the power transfer member and electrically operable to rotate the power transfer member in response to receipt of an electrical authorizing signal, for rotation of the shell and plug between the first and second rotational positions when the key cylinder lock is in the locked condition.

Classifications:

International (IPC 8-9): E05B65/46 (Advanced/Invention)

CPC: E05B65/462 E05B27/083 E05B47/0012 E05B47/0611 E05B2047/002



Family:

Publication number	Publication date	Application number	Application date
WO15065944 A1	20150507	WO2014US62528	20141028

Priority:

US20130896212P 20131028

Probable Assignee: WATERLOO IND INC

Assignee(s): (std): WATERLOO IND INC

Inventor(s): (std): JOHNSON JIJU

Agent(s): GROVER DAVID J ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN 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

283) Family number: 72874737 (WO19012505A1)

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Title: LOW-COST COMPUTERIZED KIOSKS FOR REMOTE COLLECTION OF ELECTRONIC DEVICES FOR VALUE

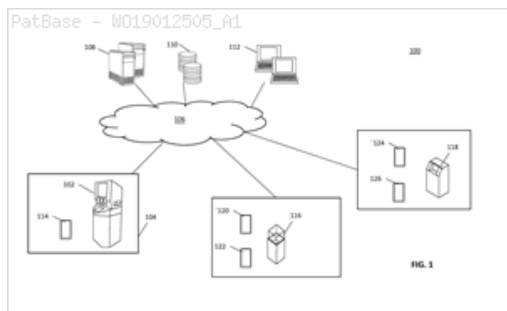
Abstract: An example kiosk for accepting a portable electronic device from a client in exchange for payment, associated method and systems are described. The kiosk may include at least one display, an imaging chamber that includes at least one camera and one or more mirrors fixedly-arranged to capture images of a portable electronic device, at least one communication connection to a remote server and/or operator, and at least one computer. The computer may be configured to, in conjunction with the remote server and/or operator, capture one or more images of the portable electronic device in the imaging chamber while said at least one camera and said mirrors remain in unchanged positions. The computer may also transmit the captured images to the remote server and/or operator, receive an acceptance of the offered payment amount based upon an offered payment amount for the portable electronic device received from the remote server and/or operator, and provide for secure deposit of the portable device in the kiosk.

Classifications:

International (IPC 8-9): E05G1/06 G03B15/12 G06Q20/00

G06Q50/10 (Advanced/Invention)

CPC: G03B15/12 G06Q20/18 G06Q20/322 G07F7/06 E05G1/06 G06Q50/10



Family:

Publication number	Publication date	Application number	Application date
WO19012505 A1	20190117	WO20181B55218	20180713

Priority:

US20170532635P 20170714

Probable Assignee: A LA CARTE MEDIA INC

Assignee(s): (std): A LA CARTE MEDIA INC

Inventor(s): (std): DION DOMINIQUE ; MASTRONARDI TONY

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 DJ 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 JO JP KE KG KH KM KN KP KR KW 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

284) Family number: 33511739 (US2006232379A)

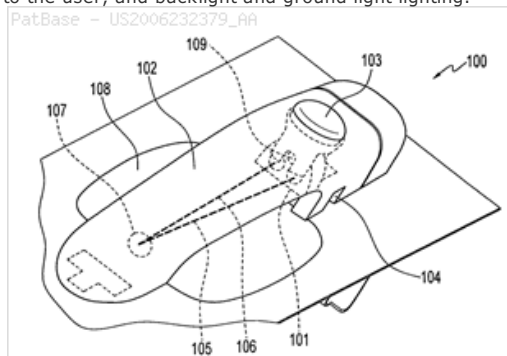
© PatBase

Title: PASSIVE ENTRY SENSOR SYSTEM

Abstract: Passive entry sensor systems and associated sensors are disclosed. The system sensor is locatable in the handle of a door or like structure and can provide an electromagnetic radiation beam transmitted either along the length of the handle between opposite ends thereof or between the handle and the door such that the sensor can detect at least a partial interruption of the beam by a user actuating the handle. The system can include an independent optical locking switch for actuation by a user to lock the door which locking switch comprises a shutter for intercepting the beam so as to flag the sensor. The system can include a power-up switch for actuation by a user to power-up the system, back-up switches for detecting a pull on the handle, indicators for indicating system status to the user, and backlight and ground light lighting.

Classifications:

International (IPC 8-9): B60R25/00 E05B47/00 E05B49/00 E05B65/20 G05B19/00 G06M7/00 G07C9/00 G08B13/18 H03K17/968 (Advanced/Invention); B60R25/00 E05B47/00 G07C9/00 H03K17/96 H03K17/968 (Advanced/Non-invention); B60R25/00 E05B47/00 E05B49/00 E05B65/20 G05B19/00 G07C9/00 G08B13/18 H03K17/94 (Core/Invention); H03K17/94 (Core/Non-invention)
CPC: E05B81/76 E05B81/77 E05B81/78 G07C9/00309 G07C2209/65 H03K17/941
European: E05B81/76 G07C9/00E4 P05B81/77 P05B81/78 S07C209/65 T03K17/94L
US: 250/221 340/426.28 340/426.280S 340/5.62 340/5.620P 340/5.72 340/5.720P 340/5.720S 340/556 340/556S



Family:

Publication number	Publication date	Application number	Application date
CN101194078 A	20080604	CN200680020661	20060413
CN101194078 B	20120613	CN200680020661	20060413
EP1869273 A1	20071226	EP20060750480	20060413
JP2008537039 T2	20080911	JP20080506813T	20060413
JP5085532 B2	20121128	JP20080506813T	20060413
KR20080003894 A	20080108	KR20077026627	20060413
US2006232379 AA	20061019	US20050157896	20050621
US2008211626 AA	20080904	US20080042912	20080305
US7375613 BB	20080520	US20050157896	20050621
WO06113652 A1	20061026	WO2006US14452	20060413

Priority:

US20050671943P 20050415 US20050157896 20050621 WO2006US14452 20060413
US20080042912 20080305

Probable Assignee: HONEYWELL INT INC

Assignee(s): (std): CIERCZAK MAREK ; CRAWFORD ALEX ; GIERCZAK MAREK ; HONEYWELL INT INC ; SCHWEIZER PASCAL ; SHELLEY MICHAEL J ; KETTLE ADRIAN

Assignee(s): HONEYWELL INTERNATIONAL INC ; HONEYWELL INT

Inventor(s): (std): ADRIAN KETTLE ; ALEX CRAWFORD ; CIERCZAK MAREK ; CRAWFORD ALEX ; GIERCZAK MAREK ; KETTLE ADRIAN ; MAREK CIERCZAK ; PASCAL SCHWEIZER ; SCHWEIZER PASCAL ; SHELLEY MICHAEL J

Inventor(s): SHELLEY MICHAEL

Agent(s): ITO TAKAMI; ONO SHINJIRO; KOBAYASHI YASUSHI; TOMITA HIROYUKI; CHIBA AKIO; ATTORNEY INTELLECTUAL PROPERTY HONEYWELL INT INC; BRYAN ANDERSON HONEYWELL INT INC; LAMBRINOS

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

285) Family number: 30055740 (US2001004235A)

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Title: MOBILE OBJECT TRACKING SYSTEM

Abstract: A mobile object tracking system is provided for tracking the removal and use of specific objects within a group checked out from storage between the time the objects are checked out and the replacement of the objects in the storage. The system includes a system controller and a storage unit that receive and store a series of object carriers therein. Each object carrier includes a series of object holders in which id tags for the group of objects checked out of the storage are received. The object carrier monitors the time each object is removed from the object carrier, which information is thereafter communicated to the system controller.

Classifications:

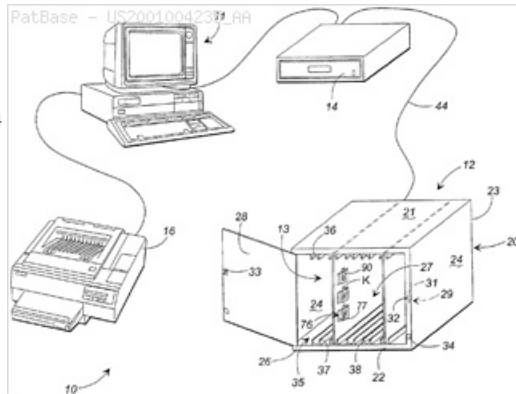
International (IPC 8-9): E05B39/04 G06K17/00 G06K7/00 G06T15/02 G07B15/02 G07B15/04 G08B13/14 G08B13/24 H04Q1/00 (Advanced/Invention)

International (IPC 1-7): G06F11/30 G06F17/60 G06K15/00 G06K17/00 G07B15/02 G08B1/08 G08B12/14 G08B13/12 G08B13/14 G08B23/00 H04Q1/00

CPC: A45C13/24 A44B15/005 A45C13/18 G06K7/0008 G08B21/0227 G06K17/00 G06K7/10079 G07B15/04 G08B13/1427 G08B13/1454 G08B13/1463 G08B13/2417 G08B13/2431 G08B13/2434 G08B13/2448 G08B13/2462 G08B13/2471 G08B13/2474 G08B13/2477 G08B13/2482 G08B21/0286 G08B21/0288 G07C9/00896 G07C11/00 G07C2009/00936 G08B21/023

European: A45C13/18 A45C13/24 G06K17/00 G06K7/00E G06K7/10A1E G07B15/04 G07C9/00E20 G08B13/14D G08B13/14H2 G08B13/14H4 G08B13/24B1G1 G08B13/24B3C G08B13/24B3H G08B13/24B3U G08B13/24B5T G08B13/24B7A1 G08B13/24B7A2 G08B13/24B7A3 G08B13/24B7M G08B21/02A26 G08B21/02A27 G08B21/02A6 G08B21/02A7 K44B15/00C S06K17/00W6 S07C11/00 S07C9/00E20 S07C9/00E20F

US: 206/459.1 235/375 235/375S 235/383 235/383S 235/384 235/384P 235/385 235/385P 235/492 235/492S 340/10.1 340/10.100S 340/10.5 340/10.500S 340/10.52 340/10.520S 340/5.1 340/5.100S 340/5.31 340/5.310S 340/5.92 340/5.920S 340/539.13 340/539.130P 340/539.130S 340/539.32 340/539.320S 340/54 340/540 340/540S 340/568.1 340/568.100P 340/568.100S 340/568.2 340/568.200S 340/568.4 340/568.400P 340/568.7 340/571 340/571P 340/572.1 340/572.100P 340/572.100S 340/572.7 340/572.700S 340/572.8 340/572.800P 340/572.800S 340/572.9 340/572.900S 340/573.1 340/573.100P 340/686.6 340/686.600S 340/8.1 340/8.100S 340/815.45 340/815.450S 340/825.49 361/6 361/6P 713/200



Family:

Publication number	Publication date	Application number	Application date
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WO0016281 A1	20000323	WO1999US20757	19990909
WO0016282 A1	20000323	WO1999US20758	19990909
WO0016284 A1	20000323	WO1999US21164	19990910
WO0016564 A1	20000323	WO1999US20685	19990909

Priority:

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US20050080182	20050315	US20050080135	20050315		

Probable Assignee: KEY CONTROL HOLDING INC A DELAWARE CORP

Assignee(s): (std): KEY CONTROL HOLDING INC ; KEY TRAK INC ; MALONEY WILLIAM C

Assignee(s): KEY CONTROL HOLDING INC A DELAWARE CORP ; KEY CONTROL HOLDING INC A CORP OF DELAWARE ; DEUTSCHE BANK AG ; DEUTSCHE BANK NEW YORK BRANCH AG ; DEUTSCHE BANK NEW YORK BRANCH COLLATERAL AGENT AG ; DEUTSCHE BANK NEW YORK BRANCH COLLATERAL AGENT AG AS

Inventor(s): (std): MALONEY WILLIAM C ; WILLIAM C MALONEY

Inventor(s): MALONEY WILLIAM

Agent(s): RIDOUT AND MAYBEE LLP; WOMBLE CARLYLE SANDRIDGE AND RICE; WOMBLE CARLYLE SANDRIDGE AND RICE PLLC; JACKSON WALKER LLP; MARK A

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZW

286) Family number: 31870740 (US2005091923A)

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Title: UNIVERSAL ATTACHMENT ASSEMBLY FOR CLAMPING AND BRACING COVERS OVER OPENINGS

Abstract: A universal attachment assembly for installing, and bracing covers over openings. More particularly securing shutter panels over doors and windows in masonry construction without defacing the walls. Novelty, simplicity, economy, vibration resistance and speed of installation are characteristics of the assembly. Tensile force is created by commercially available ratcheting device **21** and transmitted by flexible, lightweight straps **22** within universal attachment assembly **20**. Marginally distributed paired fulcrum holes **23** in shutter **24** provide bearing against the structural rigidity of shutters **24** to convert strap tension into compression by novel specialized structural clamping levers **10**. Corner of wall opening **25** is clamped by lever against shutter **24**. Elasticity of straps provides resilience in maintaining constant, high, compressive loading against concrete sills, etc. despite fluctuations due to turbulent wind loads. An additional embodiment is structural column assembly **30**, which provides braces for garage doors or intermediate structure for wide architectural openings. All applications use identical, unaltered, universal attachment assemblies **20** for: shutter attachment, garage door bracing, and bracing of shutters in large architectural openings. Structural column, **31**, herein shown as lumber and termination angle (not shown), provide shear connections of brace to structure.

Classifications:

International (IPC 8-9): E05C21/02 E06B3/26

E06B9/02 (Advanced/Invention);

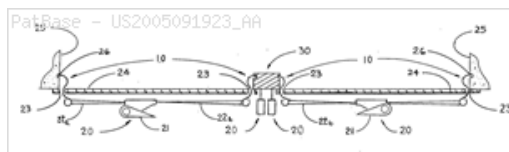
E05C21/00 E06B9/02 (Core/Invention)

International (IPC 1-7): E06B7/00

CPC: Y10T24/2175 Y10T24/45869 Y10T24/4755 E06B9/02

European: E06B9/02

US: 24/265H 24/680 24/68CD 49/465 49/465P 49/57 52/202 52/202S



Family:

Publication number	Publication date	Application number	Application date
US2005091923 AA	20050505	US20030698085	20031103
US2006288646 AA	20061228	US20060448288	20060607
US7100329 BB	20060905	US20030698085	20031103

Priority:

US20030698085 20031103 US20060448288 20060607

Probable Assignee: PLEASANTS FRANK MONROE**Assignee(s):** (std): PLEASANTS FRANK M ; PLEASANTS FRANK MONROE**Inventor(s):** (std): PLEASANTS FRANK M ; PLEASANTS FRANK MONROE**Inventor(s):** PLEASANTS FRANK**Agent(s):** FRANK MONROE PLEASANTS; MYERS AND KAPLAN INTELLECTUAL PROPERTY LAW LLC; SANDRA M; JOEL D; MYERS AND KAPLAN LLC**287) Family number: 36022740 (AU2007200219A)**

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Title: A Clasp Assembly

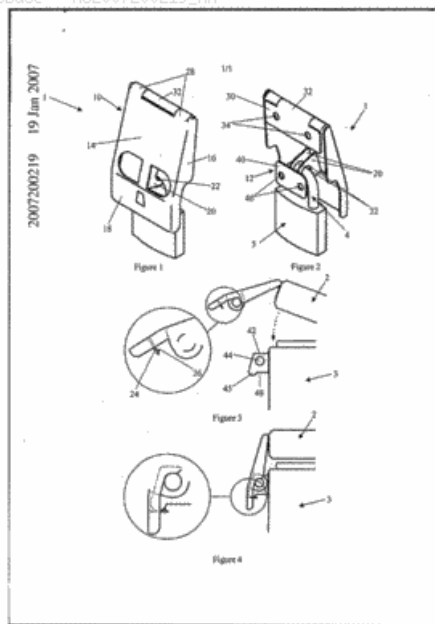
Abstract: A lockable clasp assembly for securing first and second components together is disclosed. The clasp assembly is generally of the type comprising a hasp member adapted to be hingedly connected to the first component in use, and a staple member adapted to be connected to the second component. The hasp member is engagable with the staple member to co-operatively define an opening. When the hasp member engages the staple member, a locking member is insertable through the opening to thereby prevent the hasp member from being separated from the staple member. In some embodiments, the hasp member is provided with at least one shield portion for restricting or blocking access to the locking member when the locking member is inserted through the opening. In other embodiments, the hasp member has at least one shield portion that restricts access to the means by which the hasp member and staple member are attached to the first and second components respectively. 28 1/ 32 3 14 34- Figure 1 Figure 2 Figure 3 Figure 4

Classifications:**International (IPC 8-9):** E05B65/48 E05B65/52

E05C 19/08 (Advanced/Invention);

E05B65/00 (Core/Invention)

PatBase - AU2007200219_AA

**Family:**

Publication number	Publication date	Application number	Application date
AU2007200219 AA	20070816	AU20070200219	20070119

Priority:

AU20060900403 20060130 AU20070200219 20070119

Probable Assignee: GREENWOOD SALES PTY LTD**Assignee(s):** (std): GREENWOOD SALES PTY LTD**Inventor(s):** (std): TRENOWETH MARK**Inventor(s):** MARK TRENOWETH**Agent(s):** CULLENS PATENT AND TRADE MARK ATTORNEYS; CULLENS PTY LTD; SPRUSON AND FERGUSON**288) Family number: 65974743 (BR102014017575A)**

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Title: MECANISMO DE TRAVAMENTO, SEMIRREBOQUE COMPREENDENDO O MESMO E USO DO REFERIDO MECANISMO EM PORTAS E/OU TAMPAS Locking mechanism, SEMIRREBOQUE comprising the same and use of the aforementioned mechanism on doors and/or lids (Machine translation)

Abstract: Source: BR102014017575A [PT] Resumo MECANISMO DE TRAVAMENTO, SEMIRREBOQUE COMPREENDENDO O MESMO E USO DO REFERIDO MECANISMO EM PORTAS E/OU TAMPAS A presente invencao descreve um mecanismo de travamento, bem como seu uso no travamento de portas/tampas, em especial para veiculos ou equipamentos empregados no transporte de carga e/ou semirreboques de caminhoes, em especial para caminhoes graneleiros, bem com um semirreboque dotado do referido mecanismo. O mecanismo compreendendo tres estagios, que conferem tres condicoes a porta/tampa (12), quais sejam: aberta; fechada; e travamento parcial na posicao de fechamento, apenas pelo encosto da porta/tampa com seu respectivo batente. A presente invencao se situa nos campos da Engenharia Mecanica e no setor logistico e rodoviario.

Machine translation: Summary locking mechanism, SEMIRREBOQUE comprising the same and use of the aforementioned

mechanism on ports and/or covers this Syed Ibraheem describes a locking mechanism, as well as its use in the locking of doors/covers, especially for vehicles or equipment employed in the transportation of cargo and/or tractor semitrailers, especially for bulk carriers, as well as a SEMIRREBOQUE endowed with the aforementioned mechanism. The mechanism comprising tres stages, which confers three conditions on the door/lid (12), which are: open; Closed; and partial locking on the closing position, only by the door/lid backrest with its respective stopper. This Syed Ibraheem is located in the fields of mechanical engineering and the logistical sector and Rodoviario do.

Classifications:

International (IPC 8-9): E05B65/00 (Advanced/Invention)

CPC: E05B83/16

PatBase - BR102014017575_A2

1/12

Figuras

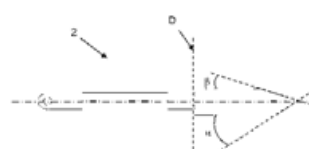


Figura 1

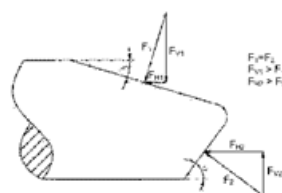


Figura 2

Family:

Publication number	Publication date	Application number	Application date
BR102014017575 A2	20170502	BR20141017575	20140716

Priority:

BR20141017575 20140716

Probable Assignee: RANDON S A IMPLEMENTOS E PARTICIPACOES

Assignee(s): (std): RANDON S A IMPLEMENTOS E PARTICIPACOES

Inventor(s): (std): ANDRE CAVALCANTE DE ALBUQUERQUE ; FABIO LORENZINI ; LEONARDO KNOLLER ADOMILLI ; MARCELO RAMON FONTANA

289) Family number: 28323744 (US2002178771A)

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Title: STORAGE COMPARTMENT SECURITY SYSTEM

Abstract: A security system for a storage compartment including a latch assembly disposed on an interior side of a door for latching the door in a closed position with the storage compartment. A plurality of reciprocating latch elements are included in the latch assembly for latching the door in a closed position with the storage compartment. A latch actuator included in the latch assembly moves the latch elements to latch the door. A master lock assembly controls operation of the latch actuator by having a first locking part of the master lock assembly interlocking with a second locking part carried by the latch actuator. A tamper-resistant master lock control controls operation of the master lock assembly from outside the storage compartment whereby access to the compartment interior is prevented when the latch assembly is latched and the master lock assembly is in the locked position.

Classifications:

International (IPC 8-9): E05B47/06 E05C7/04 E05C9/04 E05C9/06 G07C9/00 (Advanced/Invention);

E05B13/00 E05B13/10 E05B17/18 E05B47/00 E05B5/00 E05B65/14

E05B65/16 E05C9/20 (Advanced/Non-invention);

E05B47/06 E05C7/00 G07C9/00 (Core/Invention);

E05B17/00 (Core/Non-invention)

International (IPC 1-7): E05B13/00 E05B13/10 E05B47/06

E05B49/00 E05B65/12 E06B7/00

CPC: Y10S70/65 Y10S292/26 Y10S292/32 Y10S292/31 E05B47/0002

E05B47/0004 E05B2047/0016 E05C7/04 E05B5/003 E05B13/004

E05B13/10 E05B13/106 E05B17/185 E05B47/0012 E05B47/0603

E05B47/0611 E05B47/0673 E05B83/02 E05B83/12 E05B2047/0017

E05C9/06 E05C9/20 G07C9/00182 G07C9/0069 G07C2009/00769

G07C2009/0092 E05C9/12 E05C9/046 E05C9/048 E05C9/041

E05C9/043 Y10T70/577 Y10T70/5978 Y10T70/7102 Y10T70/7107

Y10T70/713 Y10T292/0843 Y10T292/18 Y10T70/5761 Y10T70/5832

Y10T70/7079 Y10T70/7955 Y10T70/7977 Y10T70/8649 Y10T292/57

European: E05B47/00A1 E05B47/06A E05B47/06D E05B47/06D4R

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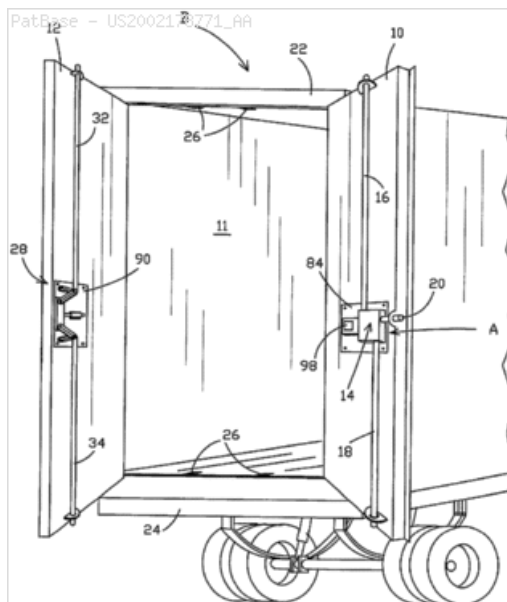
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292/DIG.26 292/DIG.31 292/DIG.32 70/208 70/210 70/210P 70/224

70/257 70/257P 70/278.3 70/278.300P 70/278.7 70/278.700S



Family:

Publication number	Publication date	Application number	Application date
US2002178771 AA	20021205	US20010023289	20011214
US2003106356 AA	20030612	US20030349227	20030122
US2005247085 AA	20051110	US20030721485	20031124
US6705136 BB	20040316	US20010023289	20011214
US6843084 BB	20050118	US20030349227	20030122
WO04065731 A2	20040805	WO2004US01373	20040119
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Priority:

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US20030721485 20031124

Probable Assignee: PORTER INTERMODAL CORP

Assignee(s): (std): PORTER DAVE ; PORTER DAVE J

Assignee(s): PORTER INTERMODAL CORP

Inventor(s): (std): PORTER DAVE ; PORTER DAVE J

Agent(s): MCNAIR LAW FIRM PA

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 KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

290) Family number: 40749747 (US2007250409A)

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Title: HANDLING HOUSEHOLD TASKS

Abstract: In an embodiment, articles are left in storage areas, such as lockers or other receptacles, which may be associated with a household services company. In an embodiment, after depositing the articles in the storage area the articles are associated with the user by the household services company based on a claim by a user of using the storage area and/or tags associated with the articles.

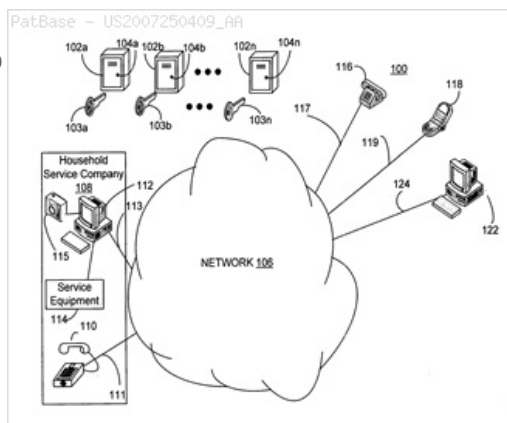
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CPC: E05B65/025 A47B81/00 E05B65/52 G07C9/00658 Y10T29/49826 Y10T70/5031 G06Q10/06 G06Q10/087 G06Q50/12 G06Q99/00

European: G06Q10/06 G06Q10/087 G06Q50/12 G06Q99/00 G07C9/00E12

US: 29/428 29/428S 312/109 312/199 312/215 312/237 312/237S 312/271 312/324 312/326 312/326S 312/352 312/352S 414/806 414/806P 416/805 70/63 70/63S 705/1.1 705/1.100P 705/15 705/28 705/28P 705/500 705/500S



Family:

Publication number	Publication date	Application number	Application date
US2007250409 AA	20071025	US20060386528	20060322
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US8725600 BB	20140513	US20120723100	20121220

Priority:

US20060386528 20060322 US20100925282 20101018 US20110136617 20110828
US20120723100 20121220

Probable Assignee: LAUNDRY LOCKER INC

Assignee(s): (std): LAUNDRY LOCKER INC ; LEVY ARIK S ; LEVY ARIK SETH

Inventor(s): (std): LEVY ARIK S ; LEVY ARIK SETH

Inventor(s): LEVY ARIK

Agent(s): DAVID LEWIS; DAVID; JAYANTHI

291) Family number: 17013747 (EP0672809A1)

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Title: Fastener with a rotating bar for doors of utilit's vehicle superstructures, transport containers and the like.

Abstract: The rotary rod closure has a handle for its rotation together with at least one locking part at one end, which in the closure position is locked against a counter holder. The locking part has a radially extending arm, which during the closure process turns in behind a hook (2) on the counter holder, thereby holding the doors closed and after the termination of the closure process supports on the hook. On the counter holder a further hook (3) is arranged, which is directed against the first hook and which in the closed position engages over the locking part. In this position, a surface of the locking part locates on the inside of the end part of the further hook.

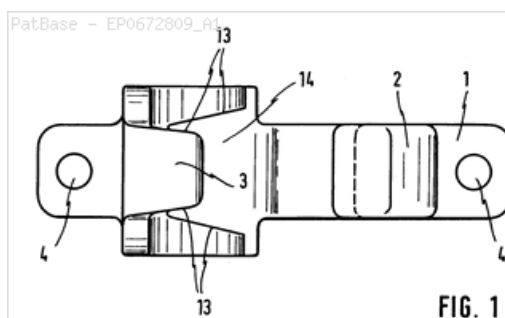
Classifications:

International (IPC 8-9): E05B65/16 E05B83/10 (Advanced/Invention); E05B65/12 (Core/Invention)

International (IPC 1-7): B65D43/22 B65D90/54 E05B65/16 E05C9/08

CPC: E05B83/10

European: E05B83/10



Family:

Publication number	Publication date	Application number	Application date
AT172513 E	19981115	AT19940111463T	19940722
DE59407136 D1	19981126	DE19945007136	19940722
DE9404278 U1	19940630	DE19940004278U	19940314
DE9405420 U1	19950608	DE19940005420U	19940330
EP0672809 A1	19950920	EP19940111463	19940722
EP0672809 B1	19981021	EP19940111463	19940722

Priority:

DE19940004278U 19940314 DE19940005420U 19940330 DE19945007136 19940722

Probable Assignee: HESTERBERG AND SOEHNE GMBH AND CO

Assignee(s): (std): HESTERBERG AND SOEHNE GMBH AND CO

Assignee(s): F HESTERBERG AND SOEHNE GMBH AND CO KG 58256 ENNEP ; F HESTERBERG AND SOEHNE GMBH AND CO KG 58256 ENNEPETAL DE ; F HESTERBERG AND SOEHNE GMBH AND CO KG 58256 ENNEPETAL ; F HESTERBERG AND SOEHNE GMBH AND CO 58256 ENNEPETAL DE KG ; F HESTERBERG AND SOEHNE GMBH AND CO 58256 ENNEPETAL KG ; F HESTERBERG AND SOEHNE GMBH AND CO KG

Inventor(s): (std): FEINBIER JOACHIM ; NIELAND FRIEDHELM ; TIEDTKE HENNING

Inventor(s): TIEDTKE HENNING D 58256 ENNEPETAL DE ; NIELAND FRIEDHELM D 58339 BRECKERFELD DE ; FEINBIER JOACHIM D 58256 ENNEPETAL DE

Designated states: AT CH DE ES FR GB IT LI NL

292) Family number: 47721748 (US2010300163A)

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Title: A COMBINATION LOCK HAVING WHEELS WITH A PLURALITY OF CAMS

Abstract: Disclosed is a combination lock having a wheel pack and a plurality of wheels in the wheel pack. At least one of the wheels has a plurality of cams on one side of the wheel which increases the difficulty in opening the lock without the proper combination. Each of the wheels can include a plurality of cams.

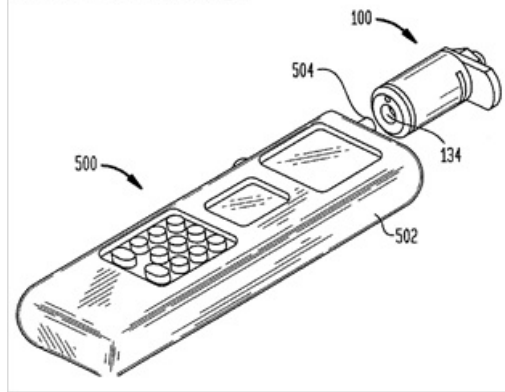
Classifications:

International (IPC 8-9): E05B15/16 E05B17/22 E05B37/02 (Advanced/Invention)

CPC: E05B37/08 E05B47/00 G07C9/00103 G07C9/00896 G07C2209/63 Y10T70/7237 Y10T70/7424 Y10T70/8405

European: E05B37/08 E05B47/00 G07C9/00E20 S07C209/63 S07C9/00B8

US: 70/301 70/301P 70/333.00RS 70/333R 70/446 70/446S

**Family:**

Publication number	Publication date	Application number	Application date
US2010300163 AA	20101202	US20090474787	20090529

Priority:

US20090474787 20090529

Probable Assignee:

STANTON CONCEPTS INC

Assignee(s): (std):

STANTON CONCEPTS INC

Inventor(s): (std):

LOUGHLIN JOHN ; LOUGHLIN ROBERT

Agent(s):

DIEHL SERVILLA LLC

293) Family number: 58350749 (US2016217665A)

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Title: DEVICE FOR ELECTRONICALLY SEALING CONTAINER USING PROXIMITY WIRELESS COMMUNICATION, AND SYSTEM AND METHOD FOR OPERATING SAME

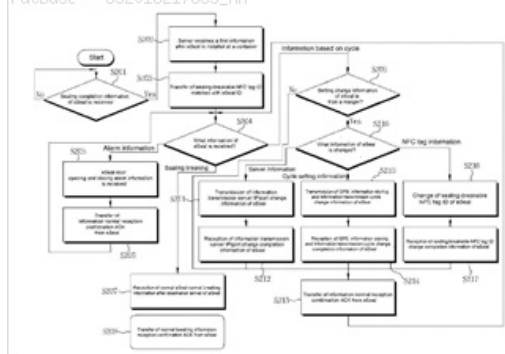
Abstract: The objective of the present invention is to provide a device for electronically sealing a container using proximity wireless communication for controlling the sealing of a container door from a remote distance by applying a proximity wireless communication technique to the device for electronically sealing a container, so that unlocking a container becomes more convenient, rapid, and safer, and to provide a system and a method for operating the device for electronically sealing a container. The device for electronically sealing a container is coupled to a keychain outside of the container, so that whether the container door is open or closed can be checked in real time, and various types of information related to the container can be relayed, in real time, to a shipper or persons associated with tracking the container, thereby fundamentally eliminating the possibility of illegal opening and closing of container doors associated with existing container-locking devices, and also allowing convenient, rapid, and safe unlocking of container doors.

Classifications:

International (IPC 8-9): B65D88/12 E05B13/00 E05B39/00 E05B49/00 E05B65/00 E05B83/02 G06K19/00 G06Q10/08 G08B13/00 G08B13/12 (Advanced/Invention)

CPC: G06Q10/08 G08B13/12 E05B49/00 E05B65/00 G07C9/00896 G07C9/00309 G07C9/00571 G07C2009/00769 G07C2009/0092 E05B13/002 E05B39/005

US: 340/541

**Family:**

Publication number	Publication date	Application number	Application date
KR101484143 B1	20150122	KR20130111331	20130916
KR20150032383 A	20150326	KR20130111343	20130916
US2016217665 AA	20160728	US20130917027	20130924
US10055953 BB	20180821	US20130917027	20130924
WO15037771 A1	20150319	WO2013KR08542	20130924

Priority:

KR20130111331 20130916

KR20130111343 20130916

WO2013KR08542 20130924

Probable Assignee: S WINNUS CO LTD**Assignee(s):** (std): S WINNUS CO LTD ; WINNUS CO LTD S**Assignee(s):** S WINNUS CO**Inventor(s):** (std):

LEE JAEKEE ; CHOI HYUNGRIM ; PARK HANSOO ; CHOI WOOCHEOL ; SON JUNGROCK ; LEE GANGBAE ; SON HEEMOK ; KIM MINJUNG ; KIM YOONJI ; HONG SOONGOO ; LEE JINWOOK ; JUNG JUNWOO ; KIM JAEJOONG ; KIM CHAESOO ; KIM MINHO ; OH JAESEONG ; KWARK GWANGHOON ; LEE EUNKYU ; CHOI SUNGPILL ; MOON YOUNGSIK ; SHIN JOONGJO ; SHIN JOONG JO ; KIM CHAE SOO ; KIM MIN HO ; PARK HAN SOO ; KWARK GWANG HOON ; LEE JIN WOOK ; KIM JAE JOONG ; MOON YOUNG SIK ; SON JUNG ROCK ; KIM MIN JUNG ; LEE EUN KYU ; JUNG JUN WOO ; CHOI WOO CHEOL ; KIM YOON JI ; OH JAE SEONG ; SON HEE MOK ; LEE KANG BAE ; CHOI SUNG PILL ; CHOI HYUNG RIM ; LEE JAE KEE ; HONG SOON GOO ; LEE JAE KI ; CHOI HYEONG RIM ; SON HOI MOK

Agent(s): RABIN AND BERDO PC ; OH WIHWAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP 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

294) Family number: 30026753 (US4029348A)

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Title: SELF-LOCKING DEVICES

Abstract: An improved self-locking device for locking a movable structural member to a stationary structural member, or to another movable structural member, or for unlocking the same, comprising a rotatable self-locking cam and an actuating means therefor; the rotatable self-locking cam being rotatably mounted on a first structural member and having (1) an arcuate surface thereon, capable of preventing movement of a movable structural member in a first or opening direction, and (2) a cam surface thereon, capable of moving the movable structural member in the first or opening direction; and the actuating means being capable of rotating the self-locking cam in an angular direction whereby the cam surface contacts an ear on the movable structural member to forcibly move it in the first or opening direction, while the arcuate surface is being simultaneously moved out of the way of the movable structural member, due to the angular rotation of the self-locking cam, to permit the movement of the movable structural member in the first or opening direction to unlock the movable structural member from the first structural member, and then, the ear on the movable structural member being subsequently capable of rotating the self-locking cam in an angular direction opposite to that of the first angular direction, whereby the movable structural member returns to its original locked position, wherein it is prevented from moving in the first or opening direction by the arcuate surface on the rotatable self-locking cam.

Classifications:

International (IPC 8-9): E04B2/74 E05B65/00 E05C3/04 E05C3/12 F16B12/28 F16B2/02 F16B5/06 F16B7/04 H02B1/06 H02G3/04 (Advanced/Invention); E05B65/00 E05C3/00 F16B12/00 F16B2/02 F16B7/04 H02B1/015 H02G3/04 (Core/Invention)

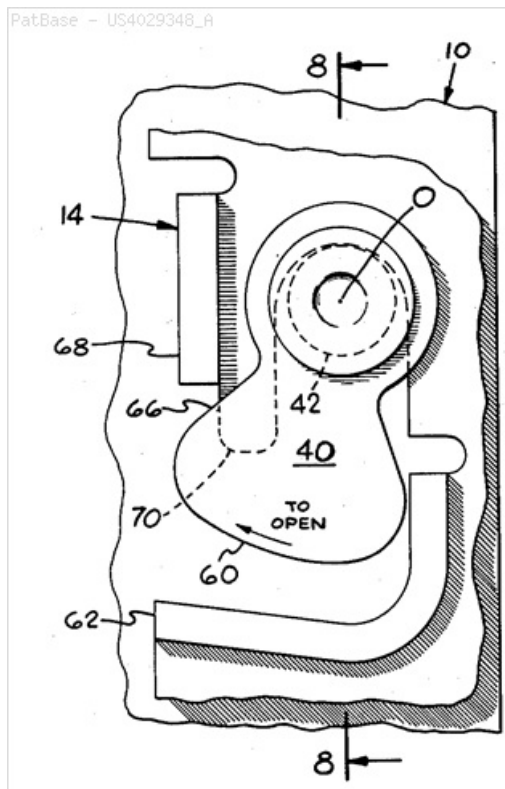
International (IPC 1-7): E04B1/60 E04F17/08 E05B23/00 E05C13/00 E05C3/00 E05C3/04 E05C3/12 F16B1/02 F16B2/02 F16B2/18 F16B7/04 F16J13/08 H05B41/04 H05B41/232 H05K5/02

CPC: Y10S292/72 E05B83/10 E05B83/12 Y10T292/1041 Y10T292/1078 Y10T292/1083 H02G3/0418 E05B65/006 F16B12/28 H02B1/06

European: E05B65/00P F16B12/28 H02B1/06 H02G3/04A3

US: 292/198 292/202 292/241 292/DIG.72

PatBase - US4029348_A



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DE2716405 A1	19771103	DE19772716405	19770413
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FR2348389 B1	19810703	FR19770010931	19770412
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JP52141800 A2	19771126	JP19770042464	19770413
NL7704052 A	19771017	NL19770004052	19770413
SE431012 B	19831227	SE19820007209	19821216
SE431012 C	19840405	SE19820007209	19821216
SE7704204 A	19771014	SE19770004204D	19770412
SE7704204 L	19771014	SE19770004204	19770412
SE8207209 A0	19821216	SE19820007209	19821216
SE8207209 A0	19831227	SE19820007209	19821216
US4029348 A	19770614	US19760676509	19760413
US4058334 A	19771115	US19760723710	19760916

Priority:

US19760676509 19760413 US19760723710 19760916 SE19820007209 19821216

Probable Assignee: EDSON TOOL AND MFG CO

Assignee(s): (std): EDSON TOOL AND MANUFACTURING CO INC ; EDSON TOOL AND MANUFACTURING CO INC TE BELLEVILLE ; EDSON TOOL AND MFG ; EDSON TOOL AND MFG CO ; YXHULT AB ; YXHULT INTERIOR AB

Assignee(s): EDSON TOOL MANUFACTURING CO INC ; KHALIFA RAMZI A ; PRATHER JOSEPH E ; RELIANCE ELECTRIC CO A CORP OF DE ; EDSON TOOL MFG CO INC ; EDSON TOOL AND MFG CO INC TE BELLEVILLE NEW JERSEY VER ST V AM ; EDSON TOOL AND MFG CO INC ; RELIANCE COMM TEC CORP ; RELIANCE ELECTRIC CO ; EDSON TOOL AND MANUFACTURING CO INC TE BELLEVILLE NEW JERSEY

Inventor(s): (std): J E PRATHER ; JIYOSFU ERISU PURAZAA ; KHALIFA RAMZI A ; PRATHER JOSEF ALICE ; PRATHER JOSEPH E ; R A M KHALIFA ; RAMUJI ABUDERU MONESU KUARIFUA ; RAMZY KHALIFA ; S S L RYDQVIST ; RYDQVIST SUNE SIGFRID LENNART ; RYDQVIST S S L ; PRATHER JOSEPH ELLIS ; PRATHER J E ; KHALIFA RAMZI ABDEL MONES ; KHALIFA R A M ; BIJL A M J DE

Inventor(s): ELLIS PRATHER JOSEPH ; ABDEL MONES KHALIFA RAMZI

295) Family number: 466757 (DE2007544A1)

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Abstract: Source: DE2007544A1 [DE] (Claim 1) 1. Patentansprueche: S Kom'binatio'nsschloss, insbesondere fuer Moebel, dadurch g e k e n n z e i c h n e t, dass senkrecht in die Zahnung' (3) des in einem aufschraubbaren Schlosskasten (2) gefuehrten Verschlussriegels (4) Mitnellmerstifte (5) einer die Tuer (1) durchdringenden, am aeusse ren Ende einen Drehknopf (7) tragenden Achse (6) eingreifen, auf welcher zwei Huelsen (8, 10) drehbar lagern, die am inneren Ende je eine mit einem Einschnitt (12) versehene, mit einem Riegel Sperrstift (13) zusammenarbeitende Sperrscheibe (9, 11) und am aeusseren Ende je einen mit einer Zahlenflaeche versehenen Zahlen ring (15, 16) von unterschiedlichem Durchmesser tragen.

Machine translation: (Claim 1) 1 CLAIMS: S Kom'binatio'nsschloss, especially for furniture, wherein vertically in the teeth '(3) of the screw-in a lock box (2) guided closing latch (4) Mitnellmerstifte (5) of the door (1) penetrating at the outer Ren end a knob (7) bearing axle (6) to intervene, on which two sleeves (8, 10) rotatably supporting the inner end each one with a notch (12) provided with a latch lock pin (13) cooperating lock washer (9, 11) and at the outer end of each one equipped with a Zahlenflaeche numbers ring (15, 16) wear of different diameters.

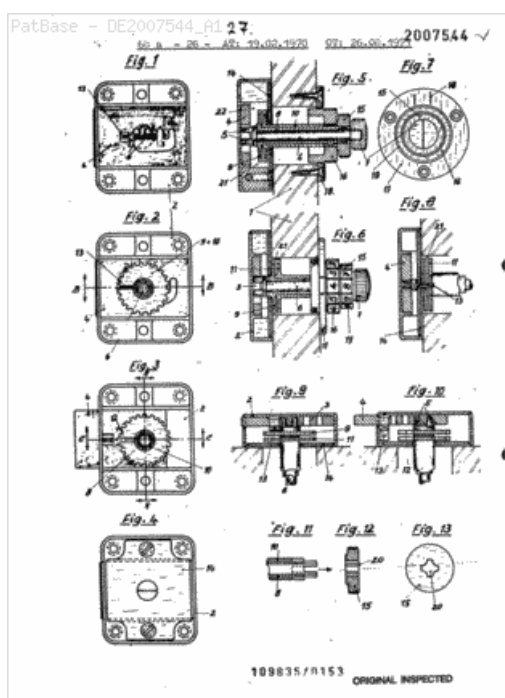
Classifications:

International (IPC 8-9): E05B37/02 (Advanced/Invention)

International (IPC 1-7): E05B37/02

CPC: E05B37/0096 E05B37/02

European: E05B37/00V E05B37/02



Family:

Publication number	Publication date	Application number	Application date
DE2007544 A1	19710826	DE19702007544	19700219

Priority:

DE19702007544 19700219

296) Family number: 1643759 (DE2714386A1)

© PatBase

Title: SAFE DEPOSIT SYSTEM FOR CURRENCY AND SMALL VALUABLES - HAS FULLY INTERLOCKED MECHANISM TO PROVIDE MAX. ACCESS SECURITY OF CONTENTS

Abstract: A high security system is designed for the storage of currency and other small valuables within safe deposit boxes within a secured area of a bank. The individual segments of a security box are built into a general housing that has a general lock mechanism running the length of the unit. Individual security devices are located in the region of the front cover. Interlocks to control access are provided by timers controlling the rotation of individual mechanical stops.

Classifications:

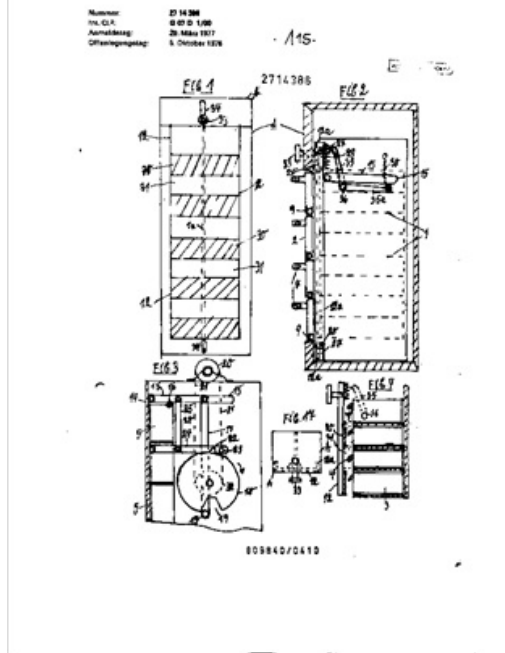
International (IPC 8-9): G07D11/00 (Advanced/Invention);

G07D11/00 (Core/Invention)

International (IPC 1-7): E05G1/04 G07D1/00

CPC: G07D11/10

European: G07D11/00D

**Family:**

Publication number	Publication date	Application number	Application date
DE2714386 A1	19781005	DE19772714386	19770329
DE2714386 C2	19881222	DE19772714386	19770329

Priority:

DE19772714386 19770329

Probable Assignee:

HIRSCHSON RICHARD

Assignee(s): (std):

HIRSCHSON RICHARD

Assignee(s):

HIRSCHSON RICHARD 1000 BERLIN DE

Inventor(s): (std):

HIRSCHSON RICHARD

Inventor(s):

HIRSCHSON RICHARD 1000 BERLIN DE

297) Family number: 30971760 (US2004206767A)

© PatBase

Title: CASH DISPENSING AUTOMATED BANKING MACHINE DEPOSIT ACCEPTING SYSTEM AND METHOD

Abstract: An automated banking machine includes a mechanism for accepting deposited items. Deposited items may be provided to the machine in envelopes which are first passed to a user from an envelope storage area (132) in the machine through a transport (124) and which are presented to the user through an opening (244). An envelope storage and dispensing device (134) is operative to assure that only a single envelope is delivered to the user. A user may thereafter include deposit items in the dispensed envelope. The deposited items are passed through the opening (244) and are deposited in a deposit-holding container (128). The deposited items may be marked with indicia corresponding to the transaction or properties of the deposited item where the envelope originally dispensed to the user for holding the deposited item.

Classifications:**International (IPC 8-9):** A24F15/04 B07C5/00 B23P19/02 B41J2/165

B41J3/00 B41J3/44 B65H1/06 B65H29/20 B65H29/52 B65H3/04

B65H3/52 B65H5/06 B65H5/36 G06K13/00 G06K5/00 G06K7/00

G06Q40/00 G07D11/00 G07D11/22 G07D13/00 G07F19/00

G07G1/12 (Advanced/Invention);

G07D11/00 (Advanced/Non-invention);

A24F15/00 B41J3/44 G07D11/00 G07F19/00 (Core/Invention)

International (IPC 1-7): B07C5/00 B41J2/135 B41J2/165 B65H5/00

B65H5/02 B65H5/22 E05G1/00 G06F17/60 G06K9/00 G07D0/00

G07D11/00 G07D11/00 G07D13/00 G07D13/00 G07F11/00 G07F7/00

CPC: Y10T29/4984 Y10T29/49904 Y10T29/49945 B65H1/06

B41J2/16585 B65H3/042 B65H3/52 B65H2701/1912 B65H2701/1916

G06Q20/1085 G06Q40/00 G07D11/0096 G07F19/20 G07F19/202

G07D11/12 G07D11/14 G07D11/40

European: B41J2/165L B65H1/06 B65H3/04F B65H3/52

G06Q20/1085 G06Q40/00 G07D11/00D2 G07D11/00D4 G07D11/00H

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L65H701/1916

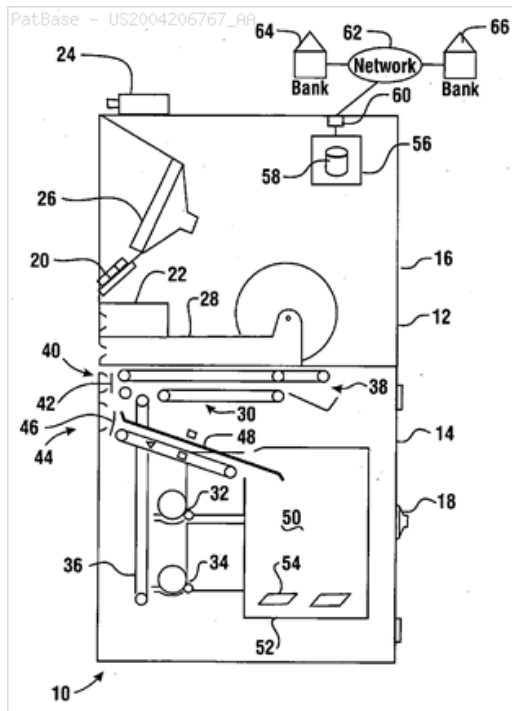
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235/379 235/379P 235/379R 235/380 235/381 235/381P 235/475

235/486 235/487 271/1 271/1P 271/2 271/264 271/264P 271/275

271/275P 29/434 29/469 29/525 347/2 347/20 347/20P 347/33

382/137 705/43 705/43P 902/17 902/18 902/30 902/9 902/9S

**Family:**

Publication number	Publication date	Application number	Application date
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AR063833 AB	20090225	AR2008P100697	20080221
AR063834 AB	20090225	AR2008P100698	20080221
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CA2517722 AA	20050829	CA20042517722	20040309
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CA2598682 C	20130702	CA20042598682	20040309
CA2598716 AA	20040923	CA20042598716	20040309
CA2598716 C	20120731	CA20042598716	20040309
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CA2598917 C	20130618	CA20042598917	20040309
CA2765079 AA	20040923	CA20042765079	20040309
CA2765240 AA	20040923	CA20042765240	20040309
CA2765240 C	20130702	CA20042765240	20040309
CN100524371 C	20090805	CN200480006602	20040309
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CN101425199 B	20121219	CN200810177081	20040309
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CN101916467 B	20140402	CN201010245824	20040309
CN102243779 A	20111116	CN201110191332	20040309
CN102243779 B	20150128	CN201110191332	20040309
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CN102289860 B	20140924	CN201110191298	20040309
CN1759423 A	20060412	CN200480006602	20040309
DE602004039129 D1	20121025	DE200460039129T	20040309
EP1606747 A2	20051221	EP20040718863	20040309
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EP1606747 B1	20120829	EP20040718863	20040309
ES2393068 T3	20121218	ES20040718863T	20040309
IN03699DN2005 A	20070420	IN2005DN03699	20050822
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MXPA05008812 A1	20051018	MX2005PA08812	20040309
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TH66722 A	20050124	TH20041000808	20040309
US2004206767 AA	20041021	US20040796798	20040309
US2004206811 AA	20041021	US20040796775	20040309
US2004207143 AA	20041021	US20040796779	20040309
US2004207151 AA	20041021	US20040796780	20040309
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US2005023340 AA	20050203	US20040796574	20040309
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US7044366 BB	20060516	US20040796789	20040309
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WO04081885 A2	20040923	WO2004US07212	20040309
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Priority:

US20030453397	20030310	US20030453397P	20030310	CA20042517722	20040309
CA20042598682	20040309	CA20042598716	20040309	CA20042598917	20040309
CA20042765079	20040309	CA20042765240	20040309	CN200480006602	20040309
EP20040718863	20040309	US20040796798	20040309	US20040796775	20040309
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WO2004US07212	20040309	US20040796781	20040309	US20040796779	20040309
US20070728498	20070326	CA20072517722	20070925	CA20072517722	20070927
US20080156444	20080530	CA20122598917	20120207		

Probable Assignee: DIEBOLD NIXDORF INC

Assignee(s): (std): DIEBOLD INC ; DIEBOLD SELF SERVICE SYSTEMS D ; ENRIGHT JEFFERY M ; THERIAULT FRANKLIN M ; DUNLAP R MATTHEW ; HANEY SEAN ; FITZPATRICK COLIN ; LASKOWSKI EDWARD L ; RYAN MIKE ; LAVELLE BILL ; SCHULTZ DAVID ; FORCE MATTHEW ; EASTMAN JEFFREY ; DIEBOLD SELF SERVICE SYSTEMS A ; DIEBOLD SELF SERVICE SYS ; DIEBOLD SELF SERVICE SYSTEMS D ; BESKITT WILLIAM D

Assignee(s): DAJBOLD INKORPOREJTED ; DIEBOLD SELF SERVICE SYSTEMS A DIVISION OF DIEBOLD INC ; DIEBOLD SELF SERVICE SYSTEMS DIVISION OF DIEBOLD INC ; DUNLAP R ; DUNLAP R M ; SHULTZ DAVID ; DIEBOLD SELF SERVICE SYSTEMS DIVISION OF DIEBOLD INC ; JPMORGAN CHASE BANK NA ADMINISTRATIVE AGENT AS ; DIEBOLD SELF SERVICE SYSTEMS DIVISION OF ; DIEBOLD SELF SERVICE SYSTEMS A DIVISION OF ; DIEBOLD SELF SERVICE SYSTEMS A DIVISION OF DIEBOLD ; DIEBOLD INC NORTH CANTON ; DIEBOLD NIXDORF INC ; DIEBOLD SELF SERVICE SYSTEMS DIVISION OF DIEBOLD I

Inventor(s): (std): ENRIGHT JEFFERY M ; THERIAULT FRANKLIN M ; DUNLAP R MATTHEW ; BESKITT WILLIAM D ; HANEY SEAN ; FITZPATRICK COLIN ; LASKOWSKI EDWARD L ; RYAN MIKE ; LAVELLE BILL ; SCHULTZ DAVID ; FORCE MATTHEW ; EASTMAN JEFFREY ; DUNLAP R M ; JEFFERY M ENRIGHT ; FRANKLIN M THERIAULT ; R MATTHEW DUNLAP ; WILLIAM D BESKITT ; SEAN BANEY ; EDWARD L LASKOWSKI ; BANEY SEAN ; MATTHEW FORCE ; ENRIGHT JEFFREY M ; SEA BESKITT WILLIAM D ENRIGHT ; SHULTZ DAVID ; FORS MEHTT JU ; LASKOWSKI EHDVARD L ; LAVELL BILL ; EHNRAJT DZHEFFRI M ; SHUL TTS DEHVID ; DANLEHP R MEHTT JU ; KHANI SHON ; FITTSPATRIK KOLIN ; RAJAN MAJK ; BESKITT UILL JAM D ; TERIO FRANKLIN M ; ISTMEN DZHEFFRI ; FORCE M ; HANNEY S ; BESKITT W ; THERIAULT F ; FITZPATRICK C ; LAVELLE B ; RYAN M ; LASKOWSKI E ; DUNLAP R ; ENRIGHT J ; EASTMAN J ; SCHULTZ D ; MATTHEW FORCE ; COLIN FITZPATRICK ; DAVID SCHULTZ ; JEFFREY EASTMAN ; SEAN HANEY ; BILL LAVELLE ; MIKE RYAN ; ENRIGHT JEFFERY ; MATTHEW DUNLAP R

Inventor(s): BESKITT UILL'JAM D. ; FORS MEHTT'JU ; DANLEHP R. MEHTT'JU ; SHUL'TTS DEHVID ; LAVELL' BILL ; BESKITT WILLIAM ; THERIAULT FRANKLIN ; LASKOWSKI EDWARD ; EDWARD LLASKOWSKI ; RMATTHEW DUNLAP ; DUNLAP R MATTHEW NORTH CANTON ; RYAN MIKE CANTON ; EASTMAN JEFFREY NORTH CANTON ; LAVELLE BILL MASSILLON ; LASKOWSKI EDWARD L SEVEN HILLS ; BESKITT WILLIAM D CANTON ; THERIAULT FRANKLIN M CANTON ; HANEY SEAN NORTH CANTON ; ENRIGHT JEFFERY M AKRON ; SCHULTZ DAVID MASSILLON ; FORCE MATTHEW COPLEY ; FITZPATRICK COLIN SMITHVILLE ; DAVID SHULTZ ; JEFFREY M ENRIGHT ; COLIN FIRZPATRICK ; JEFREY M ENRIGHT ; DUNLAP R MATTHEW ; BESKITT WILLIAM D ENRIGHT JEFFERY M EASTMAN JEFFRE

Agent(s): DIMOCK STRATTON LLP; EISEN MARK B; D YOUNG AND CO LLP; MELDRUM DAVID JAMES; PERAL DAVID; RALPH E JOCKE; RALPH E JOCKE WALKER AND JOCKE LPA; RALPH E; WALKER AND JOCKE; MARCELLA R; DANIEL D; JOCKE RALPH E; WASIL DANIEL D

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 KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

298) Family number: 10820764 (US5755126A)

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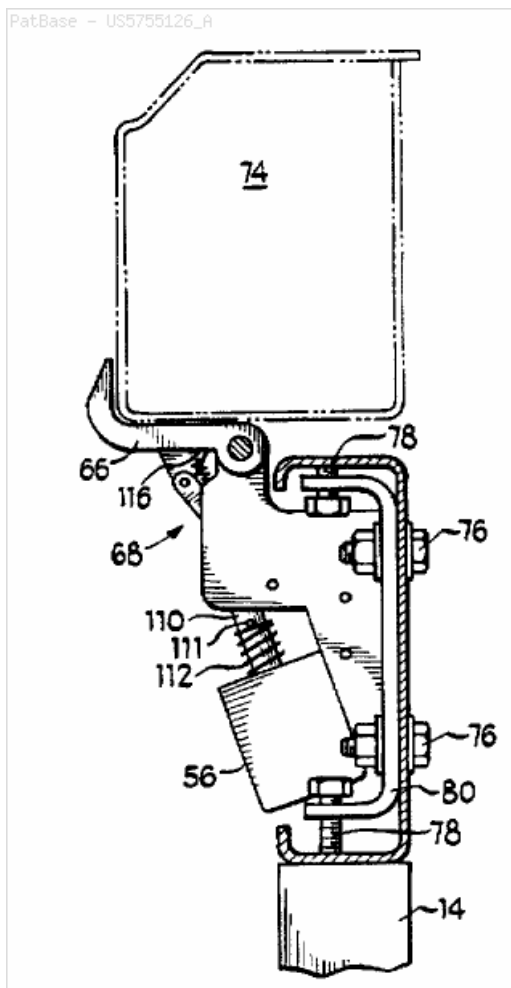
Title: SECURITY SYSTEM FOR CARGO LOADING DOORS

Abstract: A retrofitable or factory installable security system (50) for cargo loading doors is disclosed. The system (50) has: a remote transmitter (52) for transmitting a radio signal; a receiver (54) for receiving the radio signal from the remote transmitter (52); an electro-mechanical actuator (56) coupled to the receiver (54) for moving a latching device (66) between a locked position and an unlocked position; and the lock assembly (58) has a housing (64) for holding the electro-mechanical actuator (56), the latching device (66) is pivotably connected to the housing (64), and a linkage mechanism (68) coupling the electro-mechanical actuator (56) and the latching device (66). The latching device (66) can be moved between the locked and unlocked positions.

Classifications:

International (IPC 8-9): E05B47/02 E05B47/06
E05B65/16 (Advanced/Invention);
E05B15/00 (Advanced/Non-invention);
E05B47/02 E05B47/06 E05B65/12 (Core/Invention);
E05B15/00 (Core/Non-invention)

International (IPC 1-7): E05B65/12
CPC: E05B47/023 E05B15/0086 E05B47/0002 E05B47/0004
E05B47/0607 E05B83/12 Y10T70/5978 Y10T70/7068 Y10T292/1082
European: E05B47/00A1 E05B47/02 E05B47/02P E05B47/06
E05B47/06B E05B83/12 P05B15/00T P05B47/00A1B1
US: 292/201 70/257 70/278 70/278.1 702/570



Family:

Publication number	Publication date	Application number	Application date
US5755126 A	19980526	US19970934087	19970919

Priority:

US19950532300 19950922 US19970934087 19970919

Probable Assignee: COLE TAYLOR BANK

Assignee(s): CHALKO JR GERALD F ; COLE TAYLOR BANK ; LANIGAN WILLIAM P ; MIRABELLA PETER W

Inventor(s): (std): CHALKO JR GERALD F ; MIRABELLA PETER W ; LANIGAN WILLIAM P

299) Family number: 2149769 (US4602720A)

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Title: LOCKING BAR FOR PIVOTED DOORS

Abstract: PCT No. PCT/SE85/00095 Sec. 371 Date Oct. 22, 1985 Sec. 102(e) Date Oct. 22, 1985 PCT Filed Feb. 28, 1985 PCT Pub. No. WO85/03921 PCT Pub. Date Sep. 12, 1985. An arrangement for rendering difficult the unauthorized opening of door etc. arrangements on containers which have corner fittings with openings of a non-circular shape. The arrangement enables the security against unauthorized opening of the doors etc. on containers to be increased, using simple means, and it is also possible to remove the arrangements from the said containers when they are not required for the said purpose. A bar or a similar arrangement for preventing opening, which can be fixed across an end wall or another side wall or a roof with a pivotable door arrangement on it, has two locking devices disposed at a mutual distance from each other and adapted to the openings in the said corner fittings, of which at least one locking device can be influenced by a manual influencing member which can be locked to the said bar, the said locking devices being designed so that when the bar and the influencing member are held in a connecting position they can be inserted in the complementary openings in the corner fittings on the container in question, and when in a blocking position they are forcibly retained in the said openings in order to hold the locked bar in place to prevent the container in question from being opened.

Classifications:

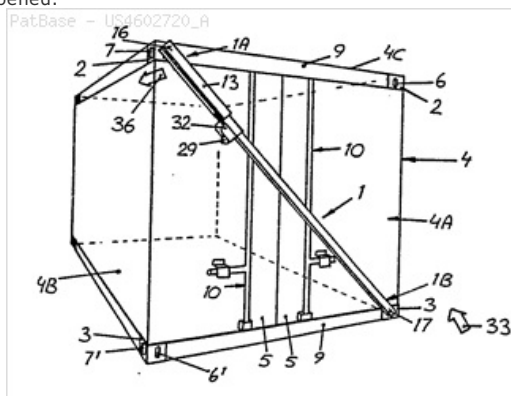
International (IPC 8-9): B65D88/00 B65D88/12 B65D90/54
E05B17/20 E05B65/00 E05B65/16 (Advanced/Invention);
B65D88/00 E05B65/00 (Advanced/Non-invention);
B65D88/00 B65D90/00 E05B17/00 E05B65/00
E05B65/12 (Core/Invention)

International (IPC 1-7): B65D45/00 B65D88/00 B65D88/12
B65D90/54 E05B17/20 E05B65/00

CPC: Y10T292/23 E05B83/12

European: E05B83/12

US: 220/315 292/259R



Family:

Publication number	Publication date	Application number	Application date
AT47112 E	19891015	AT19850901135T	19850228
AU198540628 A1	19850924	AU19850040628	19850228
DE3573587 D1	19891116	DE19853573587	19850228
DK151791 B	19880104	DK19850004936	19851028
DK151791 C	19880620	DK19850004936	19851028
DK493685 A	19851028	DK19850004936	19851028
DK493685 A0	19851028	DK19850004936	19851028
EP0204706 A1	19861217	EP19850901135	19850228
EP0204706 B1	19891011	EP19850901135	19850228
JP61501263 T2	19860626	JP19850500975T	19850228
NO157929 B	19880307	NO19850004295	19851025
NO157929 C	19880615	NO19850004295	19851025
NO854295 A	19851028	NO19850004295	19851025
NO854295 L	19851028	NO19850004295	19851025
SE441820 B	19851111	SE19840001107	19840229
SE441820 C	19860220	SE19840001107	19840229
SE8401107 A	19850830	SE19840001107	19840229
SE8401107 A0	19840229	SE19840001107	19840229
SE8401107 L	19850830	SE19840001107	19840229
US4602720 A	19860729	US19850798693	19851022
WO8503921 A1	19850912	WO1985SE00095	19850228

Priority:

SE19840001107 19840229 EP19850901135 19850228 WO1985SE00095 19850228

Probable Assignee: MATTSSON KARL AXEL

Assignee(s): (std): MATTSSON KARL AXEL

Assignee(s): KARL AXEL MATTSSON ; MATTSSON K ; MATTSSON K A

Inventor(s): (std): MATTSSON KARL AXEL

Inventor(s): KARL AXEL MATTSSON

Designated states: AT AU BE CH DE DK FI FR GB JP KR LI LU NL NO SE US

300) Family number: 50927769 (US2012089540A)

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Title: CART SYSTEMS AND METHODS FOR DELIVERING PHARMACEUTICAL ITEMS TO A RETAIL SELLER

Abstract: A cart system for distributing pharmaceutical items includes a cart and a plurality of totes. The cart has a wheeled base, framework, a door, and a locking mechanism. The framework extends upwardly from the base and forms an interior storage region having a front, a rear, and opposing sides. An access opening at the front is provided, with the door movable to a closed position that partially blocks the access opening. The locking mechanism selectively locks the door in the closed position. In a shipping state, the totes are loaded within the storage region and the door locked. The totes are visible from an exterior of the cart, but cannot be removed without evidence of tampering. The framework can divide the storage region into two or more columns, and includes platforms within the columns and arranged to define compartments sized to receive respective ones of the totes.

Classifications:

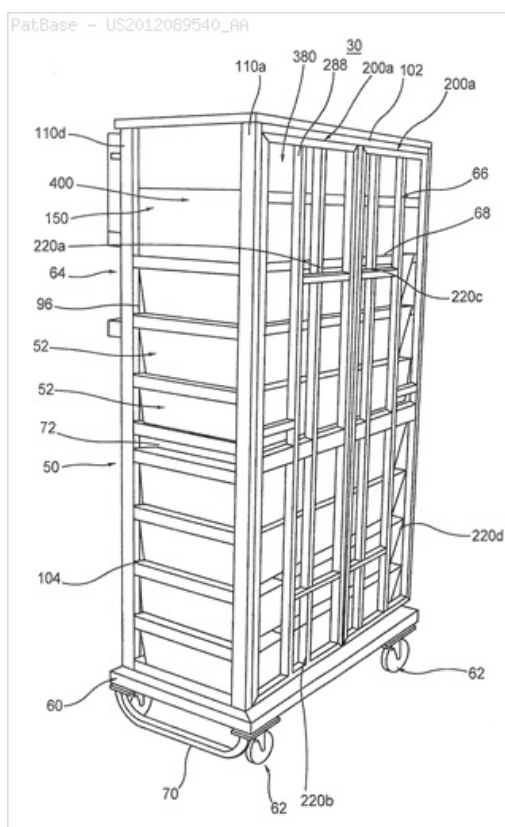
International (IPC 8-9): A47B81/00 E05B65/44 G06F17/00

G06Q90/00 G09F3/00 (Advanced/Invention)

CPC: E05B39/02 E05B63/0052 E05B65/462 E05C1/04 G06Q99/00
G09F3/037 Y10T70/5097

European: E05B39/02 E05B65/46C G06Q99/00 P05B63/00R
P05C1/04 S09F3/03A8

US: 312/209 312/209S 40/312 40/312S 70/78 70/78S 705/500
705/500P



Family:

Publication number	Publication date	Application number	Application date
US2012089540 AA	20120412	US20100902422	20101012
WO12051238 A1	20120419	WO2011US55874	20111012

Priority:

US20100902422 20101012

Probable Assignee: CARDINAL HEALTH TECHNOLOGIES LLC**Assignee(s):** (std): CARDINAL HEALTH TECHNOLOGIES LLC ; MANIVILOVSKI MIKE ; TAYLOR WILLIAM JAMES**Inventor(s):** (std): TAYLOR WILLIAM JAMES ; MANIVILOVSKI MIKE**Agent(s):** CHESSER WILBURN L 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 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

301) Family number: 47544770 (US2010283575A)

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Title: MLOCK DEVICE AND ASSOCIATED METHODS

Abstract: A security device is disclosed to include a processor defined to control operation of the security device. The security device also includes a radio defined in electrical communication with the processor. The security device also includes a location determination device defined in electrical communication with the processor. The processor, radio, and location determination device are defined to operate collaboratively to provide a wireless tracking and communication system. The security device also includes a shackle and a locking mechanism. The locking mechanism is defined in electrical communication with the processor. The processor is defined to operate the locking mechanism to control locking and unlocking of the shackle based on information obtained through the wireless tracking and communication system.

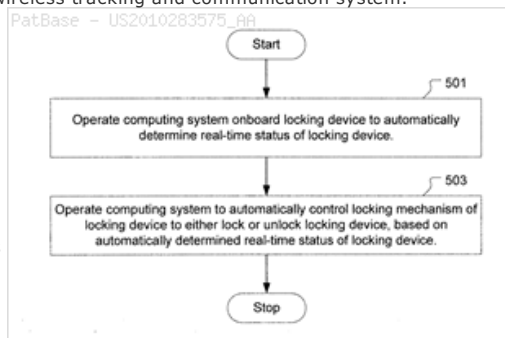
Classifications:

International (IPC 8-9): E05B E05B47/00 E05B47/06 E05B49/00 E05B53/00 E05B67/02 E05B67/08 E05B67/10 G05B19/00 G06F1/32 G06F7/02 G08B G08C17/02 H04J3/00 H04L H04L12/56 H04L12/70 H04L29/06 H04M11/00 H04Q9/00 H04W H04W80/02 H04W84/18 H04W88/04 (Advanced/Invention); H04L H04W (Subclass/Invention)

CPC: G08C17/02 E05B67/08 Y10T70/413 Y10T70/489 Y10T70/491 Y10T70/625 Y10T70/7051 Y10T70/7062 H04W84/18 E05B47/00 E05B63/0056 E05B67/02 H04L63/0428 H04W28/06 H04W52/0225 H04W80/02 Y02D70/144 Y02D70/164 Y02D70/10 E05B39/00 E05B47/0012 E05B67/22 E05B83/02 E05B2047/0024 E05B2047/0058 E05B2047/0064 E05B2047/0094 E05B2047/0095 E05B2047/0096 H04W8/005 H04W28/08 H04W48/08 Y02D70/14

European: E05B39/00 E05B47/00 E05B67/02 E05B67/22 H04L63/04B H04W48/08 H04W84/18 P05B47/00A4 P05B47/00A5D5 P05B47/00E2B P05B47/00E2S P05B47/00R P05B47/00R1 P05B47/00R2 P05B63/00S P05B83/02 T04W28/06 T04W28/08 T04W52/02T4 T04W8/00D T04W80/02

US: 340/5.1 340/5.100P 340/5.6 340/5.73 370/345 370/345P 70/20 70/263 70/263S 70/275 70/275S 70/277 70/277S 70/52 70/52S 70/53 70/53S 713/310 713/310S

**Family:**

Publication number	Publication date	Application number	Application date
CN102482896 A	20120530	CN201080030570	20100507
CN102577313 A	20120711	CN201080048681	20100901
CN102577313 B	20160406	CN201080048681	20100901
EP2427615 A2	20120314	EP20100772875	20100507
EP2474144 A2	20120711	EP20100814457	20100901
EP2474144 A4	20170712	EP20100814457	20100901
EP2474144 B1	20190327	EP20100814457	20100901
HK1171489 A1	20130328	HK20120112262	20121128
HK1173007 A1	20170707	HK20130100124	20130104
HK1173007 A1	20130503	HK20130100124	20130104
HK1173007 B	20170707	HK20130100124	20130104
IN08506CN2011 A	20130517	IN2011CN08506	20111117
JP2012526223 T2	20121025	JP20120510004T	20100507
JP2013527633 T2	20130627	JP20120528020T	20100901
JP5323256 B2	20131023	JP20120510004T	20100507
JP5667635 B2	20150212	JP20120528020T	20100901
SG175414 A1	20111229	SG20110079944	20100507
SG178883 A1	20120427	SG20120013298	20100901
US2010283575 AA	20101111	US20100775444	20100506
US2010329232 AA	20101230	US20100874062	20100901
US2013271260 AA	20131017	US20130918845	20130614
US8477011 BB	20130702	US20100775444	20100506
US8525642 BB	20130903	US20100874062	20100901
WO10129854 A2	20101111	WO2010US34014	20100507
WO10129854 A3	20110210	WO2010US34014	20100507
WO11028843 A2	20110310	WO2010US47585	20100901
WO11028843 A3	20110728	WO2010US47585	20100901

Priority:

US20090176862P 20090508 US20090238968P 20090901 US20100775444 20100506
 WO2010US34014 20100507 US20100874062 20100901 WO2010US47585 20100901
 US20130918845 20130614

Probable Assignee: ICONTROL INC

Assignee(s): (std): BRINKERHOFF MARK ; GERATY THOMAS ; ICONCONTROL INC ; TUBB EARL FRED ; QUICK DIANE ; INOKUCHI TOM

Assignee(s): ICONCONTROLINC

Inventor(s): (std): TUBB EARL FRED ; BRINKERHOFF MARK ; GERATY THOMAS ; QUICK DIANE ; INOKUCHI TOM ; TOM INOKUCHI ; FRED TUBB EARL ; DIANE QUICK ; THOMAS GERATY ; MARK BRINKERHOFF

Agent(s): DERRY PAUL STEFAN; CHINA PATENT AGENT HK LTD; MARTINE PENILLA AND GENCARELLA LLP; MARTINE PENILLA GROUP LLP; WRIGHT KENNETH D

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

302) Family number: 57608773 (CH707871B)

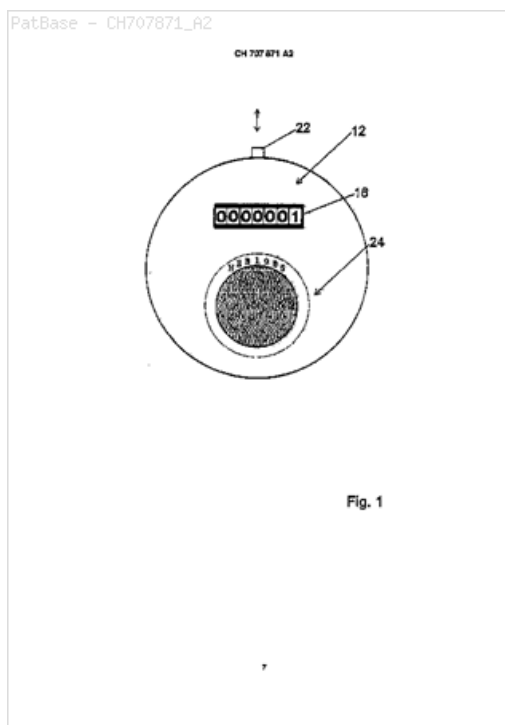
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Title: DISPOSITIF D'AUTHENTIFICATION ET SYSTEME D'OUVERTURE DOTE D'UN TEL DISPOSITIF.

Abstract: Source: CH707871B [FR] La presente invention concerne un dispositif d'authentification destine a equiper un systeme d'ouverture dote de deux elements mobiles l'un par rapport a l'autre et susceptibles d'evoluer entre une position fermee et une position ouverte. Ce dispositif comprend: - un temoin d'actionnement (12) dispose dans un bati et destine a etre associe a un premier des elements mobiles pour etre actionne par un second des elements mobiles de maniere a changer d'apparence a chaque actionnement du second element mobile, et - un temoin d'authentification (24) comprenant: i un compartiment creux dont au moins une paroi apparente est realisee au moins localement avec un materiau transparent formant un acces visuel audit compartiment creux, ii des particules solides contenues dans le compartiment creux pour former un motif d'identification unique et aleatoire.

Classifications:

International (IPC 8-9): E05B39/00 G09F3/03 (Advanced/Invention)
CPC: G09F3/0382 B65D33/34 B65D2101/00 B65D55/02 E05B39/04 G09F3/0376 G09F3/0394



Family:

Publication number	Publication date	Application number	Application date
CH707871 A2	20141015	CH20130000741	20130409
CH707871 B1	20180615	CH20130000741	20130409

Priority:

CH20130000741 20130409

Probable Assignee: EMILIA LACOTE

Assignee(s): (std): EMILIA LACOTE

Inventor(s): (std): ANTONIO PEREZ ; PEREZ ANTONIO

303) Family number: 34225774 (US7178841B)

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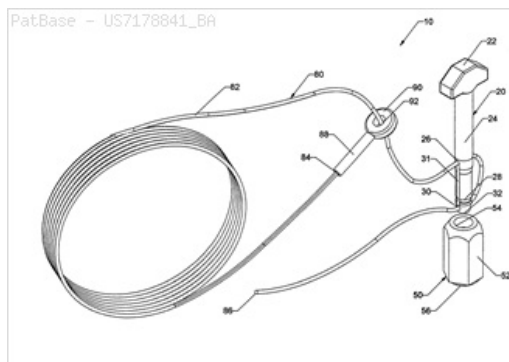
Title: LOCKING TETHER ASSEMBLY FOR SHIPPING CONTAINER DOORS

Abstract: A single-use security locking assembly for shipping containers, comprising, a pin, a tether assembly, a locking member, and locking means characterized in that the tether assembly snugly fits around door bars of a shipping container.

Classifications:

International (IPC 8-9): E05B39/02 (Advanced/Invention);
 B65D27/30 (Advanced/Non-invention);
 E05B39/00 (Core/Invention);
 B65D27/12 (Core/Non-invention)
CPC: G09F3/0305 G09F3/0317 G09F3/0352 Y10T24/3973
 Y10T70/485 Y10T292/48 Y10T292/507 Y10T292/51 Y10T292/516

Y10T292/528
European: G09F3/03A G09F3/03A2 G09F3/03A6B
US: 24/136L 292/307A 292/307R 292/327 292/328 292/329 70/50



Family:

Publication number	Publication date	Application number	Application date
US7178841 BA	20070220	US20050253737	20051020

Priority:

US20050253737 20051020

Probable Assignee:

MORENO JOSE M

Assignee(s): (std):

MORENO JOSE M

Inventor(s): (std):

MORENO JOSE M

304) Family number: 30228776 (WO0003108A1)

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Title: SAFETY DEVICE FOR LOCKING ELEMENTS ON DOORS OR SIMILAR

Abstract: The invention relates to a safety device for locking elements on doors or similar. The device has at least one covering element (1) with which at least some of the corresponding locking element (2, 12; 13, 15) of the door (4) and door frame (8) can be entirely or partially covered in such a way that these locking elements (2, 12; 13, 15) are prevented from interacting in the way that they normally would to lock the door. The inventive covering element (1) provides a means of specifically cutting out some of the locking elements (2, 12; 13, 15) of a usual commercial locking device on a door (4), a window or any other device which can be locked in the same way, and can therefore be used to reliably prevent a door (4) from e.g., being locked unintentionally by a child or locking against the will of the user.

Classifications:

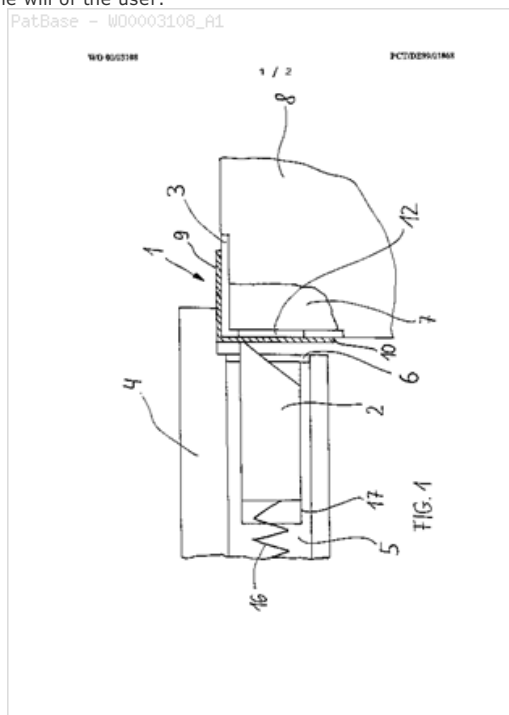
International (IPC 8-9): E05B17/00 (Advanced/Invention);

E05B17/00 (Core/Invention)

International (IPC 1-7): E05B15/02 E05B17/00 E05B17/20

CPC: E05B17/005

European: E05B17/00L



Family:

Publication number	Publication date	Application number	Application date
AU199954077 A1	20000201	AU19990054077	19990626
AU199954077 A5	20000201	AU19990054077	19990626
DE19981268 D2	20000921	DE19991081268	19990626
DE29812238 U1	19981029	DE19982012238U	19980709
WO0003108 A1	20000120	WO1999DE01868	19990626

Priority:

DE19982012238U 19980709

DE19991081268 19990626

WO1999DE001868 19990626

WO1999DE01868 19990626

Probable Assignee: MICUDAJ BORIS 49525 LENGERICH DE

Assignee(s): (std): BORIS MICUDAJ ; MICUDAJ BORIS

Assignee(s): MICUDAJ BORIS 49525 LENGERICH DE

Inventor(s): (std): BORIS MICUDAJ ; MICUDAJ BORIS

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZA ZW

305) Family number: 52379776 (US2012293655A)

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Title: VERTICAL ROD ENGAGING LATCH LOCK

Abstract: A door is secured to a frame with a vertical rod engaging lock operated by a handle. The handle is secured inside a latch lock with a housing attached to the door and a moving part movable inside the housing, both having an opening enabled to receive the handle in a first position with the moving part inside the housing in a first position. The housing includes a first and second side slot. The moving part is enabled to be moved into the housing in a blocking position by the handle being moved into the first and second side slot causing the moving part to fill at least partially the opening in the housing to provide a secured handle.

Classifications:

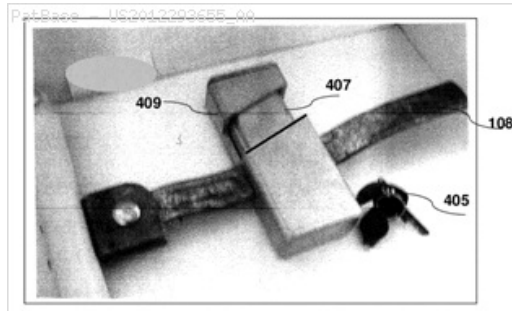
International (IPC 8-9): E05B47/00 E05B65/00 E05B65/06

E05B65/52 E05C1/10 H04N7/18 (Advanced/Invention)

CPC: H04N7/183 E05B13/002 E05B67/38 E05B67/383 E05B83/10

E05B2045/0615 B60R25/1001 Y10T70/7062 Y10T292/1022

US: 292/145 348/143 348/E.085 70/277



Family:

Publication number	Publication date	Application number	Application date
US2012293655 AA	20121122	US20120474012	20120517

Priority:

US20110487990P 20110519 US20120474012 20120517

Probable Assignee: STANTON CONCEPTS LLC

Assignee(s): (std): LOUGHLIN JOHN ; LOUGHLIN ROBERT ; STANTON CONCEPTS L L C

Assignee(s): STANTON CONCEPTS LLC

Inventor(s): (std): LOUGHLIN JOHN ; LOUGHLIN ROBERT

306) Family number: 28813777 (US2004242201A)

© PatBase

Title: WIRELESS AUTHENTICATION SYSTEM

Abstract: A wireless authentication system performs authentication by means of radio signals, and has a use restriction function for an appliance in order to prevent illegal use or unauthorized use thereof. The system carries out multiple-level authentication and settlement relating to payment cards, including credit cards and has functions for locking and unlocking a container, including a locker, whereby not only can a user deposit his or her own luggage, but luggage can also be deposited and collected by different persons.

Classifications:

International (IPC 8-9): A47G29/12 A47G29/14 E05B49/00

G06K15/00 G06K5/00 G06Q20/00 G07F7/08 H04B1/59 H04L29/06

H04L9/32 H04M1/66 H04M11/00 H04M11/04 H04Q7/32 H04Q7/38

H04W12/12 H04W8/22 (Advanced/Invention);

H04W12/06 H04W12/08 (Advanced/Non-invention);

H04Q7/32 H04Q7/38 (Core/Invention)

International (IPC 1-7): A47G29/12 E05B49/00 G07F7/08 H04B1/59

H04L9/32 H04M1/66 H04M11/00 H04M11/04 H04M3/16 H04Q7/32

CPC: H04W12/0802 H04W12/1206 G06Q20/40 A47G29/141

G06Q20/32 G06Q20/322 G06Q20/425 H04L63/08 H04W8/22

H04W12/06

European: A47G29/14E G06Q20/32 G06Q20/322 G06Q20/40

G06Q20/425 H04L29/06C6C2 H04M1/66 H04M1/67 H04M1/725F1B

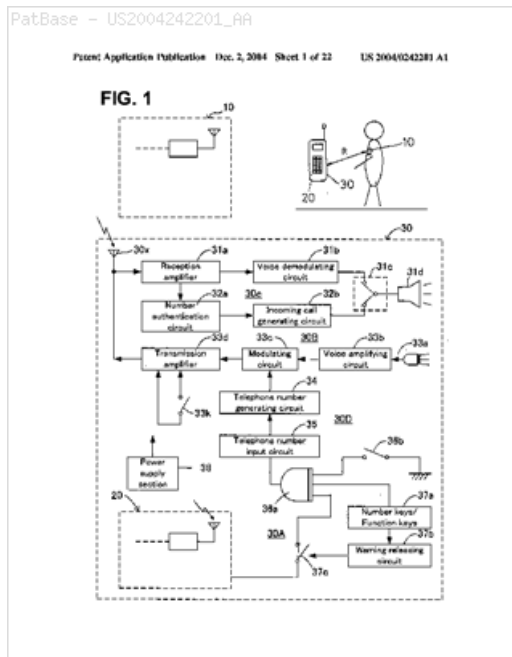
H04W12/12 H04W208/22 H04W212/12 H04W29/34 H04W4/12

H04W6/04 H04W8/22 T04L29/06C6G T04W208/22 T04W212/08

T04W4/12 T04W6/08

US: 235/380 235/380P 235/383 235/383S 455/41 455/410 455/410S

455/411 455/411P



Family:

Publication number	Publication date	Application number	Application date
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CN100385897 C	20080430	CN20011044883	20011228
CN1429003 A	20030709	CN20011044883	20011228
CN1611060 A	20050427	CN20028026361	20020531
CN1611060 B	20110831	CN20028026361	20020531
EP1460826 A1	20040922	EP20020728206	20020531
KR20040075915 A	20040830	KR20047010266	20020531
US2004242201 AA	20041202	US20040876707	20040628
US2007158414 AA	20070712	US20070685083	20070312
WO03058936 A1	20030717	WO2002JP05342	20020531

Priority:

CN20011044883 20011228 WO2002JP05342 20020531 US20040876707 20040628
US20070685083 20070312

Probable Assignee: TORUHA K K

Assignee(s): (std): MIYAMOTO KENICHI ; SASAKURA TOYOKI ; SHIOYA YASUO ; SUPER WAVE CO LTD ; TORUHA K K

Assignee(s): TORUHA KK ; SUPER WAVE CO

Inventor(s): (std): KENICHI MIYAKI ; KENJCHI MIYAMOTO ; MIYAMOTO KENICHI ; SASAKURA TOYOKI ; TOYOKI SASAKURA

Inventor(s): MIYAMOTO KENJCHI ; MIYAKI KENICHI

Agent(s): STAAS AND HALSEY LLP

Designated states: AT BE CH CN CY DE DK ES FI FR GB GR IE IT KR LI LU MC NL PT SE SG TR US

307) Family number: 68009778 (WO17219107A1)

© PatBase

Title: ADJUSTMENT-FREE PADLOCK-TYPE SEAL

Abstract: The present application to a patent to an invention relates to an adjustment-free, padlock-type seal to be used in the security field, aimed in particular at showing clearly and permanently any attempt at tampering, in particular of containers, train wagons, concrete mixer trucks, cargo trucks, tanker trucks (for fuel, water, chemicals, etc.), warehouse doors, gas bottles, inter alia. The seal consists of a body (1) made of a plastic alloy with through-holes (2) at its lateral ends for receiving a steel and zamak rod (3), the body (1) having a central and longitudinal hollow cavity (4) that receives the plates or stops (5), between which a compression spring (6) acting in the same direction is mounted. According to the invention, the security seal composed of metallic components (3), (5) and (6) and an elastic body (1) allows the closing gap to be adjusted after it is initially sealed.

Classifications:

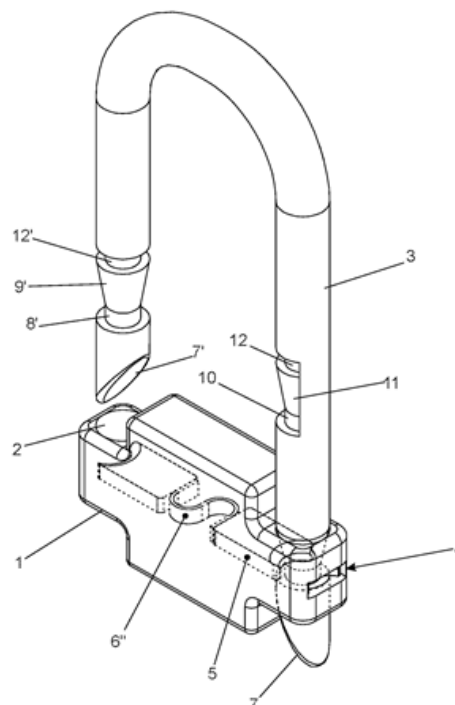
International (IPC 8-9): B65D55/00 E05B73/00 E05B73/0017 G09F3/03 (Advanced/Invention)

International (IPC 1-7): E05B73/00

CPC: B65D55/00 G09F3/03 E05B73/0017

PatBase - WO17219107 A1

FIG. 1



Family:

Publication number	Publication date	Application number	Application date
BR102016014912 A2	20180109	BR20161014912	20160623
WO17219107 A1	20171228	WO2017BR50151	20170612

Priority:

BR20161014912 20160623

Probable Assignee: DONIZETI BUENO JUNIOR

Assignee(s): (std): BUENO JUNIOR DONIZETI ; DONIZETI BUENO JUNIOR

Inventor(s): (std): BUENO JUNIOR DONIZETI ; DONIZETI BUENO JUNIOR

Agent(s): VILAGE MARCAS E PATENTES LTDA

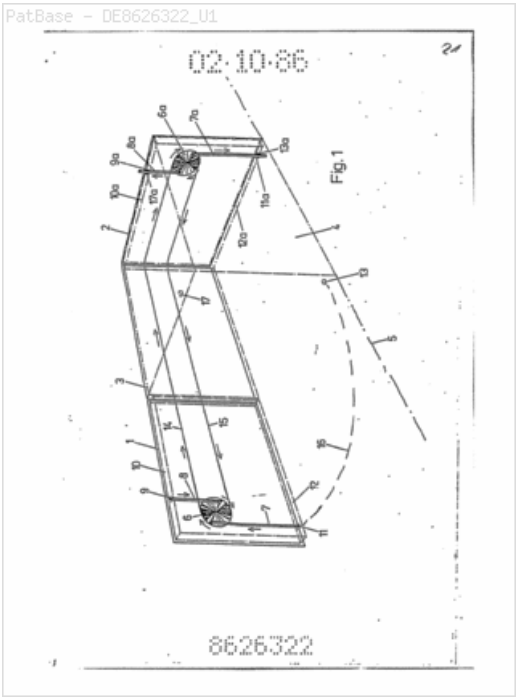
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN 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

308) Family number: 16735779 (DE8626322U1) © PatBase

Abstract: Source: DE8626322U1 [DE] (Claim 1) 1. Schleuse fuer Behaelter mit einem kammerfoermigen Innenraum, mitzwei schwenkbar gelagerten, Schliessvorrichtungen auf- weisenden Tuerelementen, von denen ein Tuerelement zwangs- weise verriegelt ist; wenn das zweite Tuerelement geoeffnet wird, dadurch gekennzeichnet, dass zum Arretieren eines jeden Tuerelementes (1, 2) in ge- schlossenem Zustand desselben mindestens je ein in eine Arretiervngsausnehmung (13, 13a) eingreifender Sicherungs- bolzen (7, 7) parallel zur Schwenkachse des Tuerelemen- tes (1,2) vorgesehen ist, die miteinander und mit den Schliessvorrichtungen (6,6a) der zu arretierenden Tuerele- mente (1,2) ueber Kupplungen (14,15) verbunden sind. i

Machine translation: (Claim 1) 1 Lock for vessels with a kammerfoermigen interior mitzwei pivotally mounted locking devices on-looking Tuerelementen, of which one Tuerelement is locked necessarily-wise, if the second Tuerelement is opened, wherein the locking of each Tuerelementes (1, 2) in GE schlossenem Zustand-ever the same in at least one Arretiervngsausnehmung (13, 13a) engaging securing pins (7, 7) parallel to the pivot axis of the Tuerelemen Council (1.2) is provided, with each other and with the locking devices (6.6 a) to the arresting Tuerele elements (1.2) over couplings (14,15) are connected. I

Classifications:
International (IPC 8-9): E05C7/00 (Advanced/Invention); E05C7/00 (Core/Invention)
International (IPC 1-7): E05C1/06 E05C7/02 E05G7/00
CPC: E05C7/002
European: E05C7/00B



Family:

Publication number	Publication date	Application number	Application date
DE8626322 U1	19870122	DE19860026322U	19861002

Priority: DE19860026322U 19861002

Probable Assignee: SITEC GMBH SICHERHEITSEINRICHTUNGEN UND TECHNISCHE GERAETE 8641 WEISSENBRUNN DE

Assignee(s): SITEC GMBH SICHERHEITSEINRICHTUNGEN UND TECHNISCHE ; SITEC GMBH SICHERHEITSEINRICHTUNGEN UND TECHNISCHE GERAETE 8641 WEISSENBRUNN DE

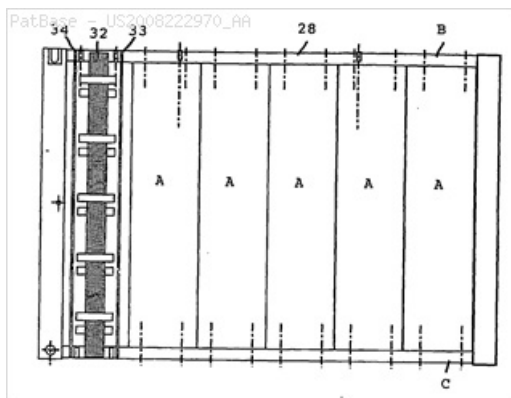
309) Family number: 32120780 (US2008222970A) © PatBase

Title: METHOD USING A MODULE KIT TO CONSTRUCT A SAFETY CONTAINER OF AN ARBITRARY SHAPE, A MODULE SET USED TO CARRY OUT SAID METHOD AND A SAFETY CONTAINER COMPRISING OF ONE OR SEVERAL OF SAID MODULES

Abstract: The present invention relates to a method using a module kit to construct a safety container of an arbitrary shape, a module set used to carry out the method and a safety container including one or several of the modules.

Classifications:
International (IPC 8-9): B65D88/02 B65D88/52 B65D90/22 E04B1/92 E04G1/00 E04H1/12 E04H6/00 E05B63/14 E05C21/00 E05C9/04 E05D11/00 E05D7/14 E05G1/00 E05G1/024 E06B5/10 (Advanced/Invention); B65D88/00 E04B1/92 E04G1/00 E04H1/12 E04H6/00 E05B63/00 E05C21/00 E05C9/00 E05D11/00 E05D7/00 E05G1/00 E06B5/10 (Core/Invention)
International (IPC 1-7): E04G1/00 E04H6/00 E05B63/14 E05D63/14 E05G E05G1/00 E06B5/10
CPC: E04H1/1205 E04H2001/1283 B65D88/528 B65D90/22

B65D2211/00 E05C9/043 E05D7/14 E05D11/0027 E05D2011/0045
E05G1/00 E05Y2900/604 E05C9/047 Y10T292/0801
European: B65D88/52C1 B65D90/22 E04H6/00B E05C9/04E
E05D11/00C2 E05D7/14 E05G1/00 L65D211/00 P05D11/00C20
P05Y900/604
US: 109/76 109/80 109/84 109/84S 292/3 292/3S 52/745.01
52/745.010S 52/79.1 52/79.100P



Family:

Publication number	Publication date	Application number	Application date
CA2553171 AA	20060711	CA20052553171	20050124
CA2553171 C	20140408	CA20052553171	20050124
CN100526582 C	20090812	CN200580002871	20050124
CN1910328 A	20070207	CN200580002871	20050124
DE602005042103 D1	20140130	DE200560042103T	20050124
EP1713987 A2	20061025	EP20050704747	20050124
EP1713987 B1	20131211	EP20050704747	20050124
EP1713988 A1	20061025	EP20050711012	20050124
ES2446993 T3	20140311	ES20050704747T	20050124
HR20140149 T1	20140328	HR20140000149	20140217
RU2006129816 A	20080227	RU20060129816	20050124
RU2399569 C2	20100920	RU20060129816	20050124
SE200400144 A0	20040122	SE20040000144	20040122
US2008222970 AA	20080918	US20050585980	20050124
US8578867 BB	20131112	US20050585980	20050124
WO05069747 A2	20050804	WO2005SE00074	20050124
WO05069747 A3	20051013	WO2005SE00074	20050124
WO05071189 A1	20050804	WO2005SE00075	20050124

Priority:

SE20040000144 20040122 EP20050704747 20050124 WO2005SE00074 20050124
WO2005SE00075 20050124

Probable Assignee: CESIUM

Assignee(s): (std): CESIUM AB ; GUSTAVSSON JACK ; TSEZIUM AB

Assignee(s): CESIUM

Inventor(s): (std): JACK GUSTAVSSON ; GUSTAVSSON JACK ; GUSTAVSSON DZHEK

Agent(s): ROBIC; ERIKSSON HANS GUSTAF; YOUNG AND THOMPSON

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 KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE 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

310) Family number: 63672782 (ES1165609Y)

© PatBase

Title: DISPOSITIVO DE BLOQUEO DE SEGURIDAD PARA CIERRE DE PUERTAS DE VEHICULOS INDUSTRIALES.

Abstract: Source: ES1165609U [ES] 1. Dispositivo de bloqueo de seguridad (1) para cierre de puertas (2) de vehiculos industriales caracterizado porque comprende: - un soporte (3) montado sobre la superficie de la puerta (2); - un candado de cierre (4) solidarizado al soporte (3), - una tapa (5) unida de manera articulada sobre el soporte (3), habilitada para pivotar sobre dicho soporte (3) entre una posicion cerrada y una posicion abierta.

Machine translation: 1. locking device (1) security to close doors (2) commercial vehicles characterized because it includes: - a bracket (3) mounted on the surface of the door (2); - a padlock closing (4) sympathized to the bracket (3), - a top (5) United way articulated on the bracket (3), enabled to pivot on the bracket (3) between a closed and an open position.

Classifications:

International (IPC 8-9): E05C9/08 (Advanced/Invention)

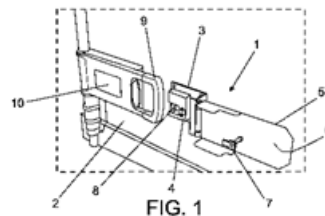


FIG. 1

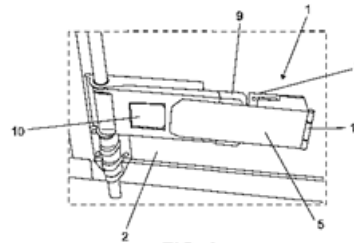


FIG. 2

8

Family:

Publication number	Publication date	Application number	Application date
ES1165609 UA	20160927	ES20160031078U	20160902
ES1165609 Y1	20161219	ES20160031078U	20160902

Priority:

ES20160031078U 20160902

Probable Assignee:

ATLED INNOVACION S L

Assignee(s): (std):

ATLED INNOVACION S L

Assignee(s):

ATLED INNOVACION SL

Inventor(s): (std):

MIRO BRAVO VICENTE

Inventor(s):

VICENTE MIRO BRAVO

Agent(s):

ISERN JORGE

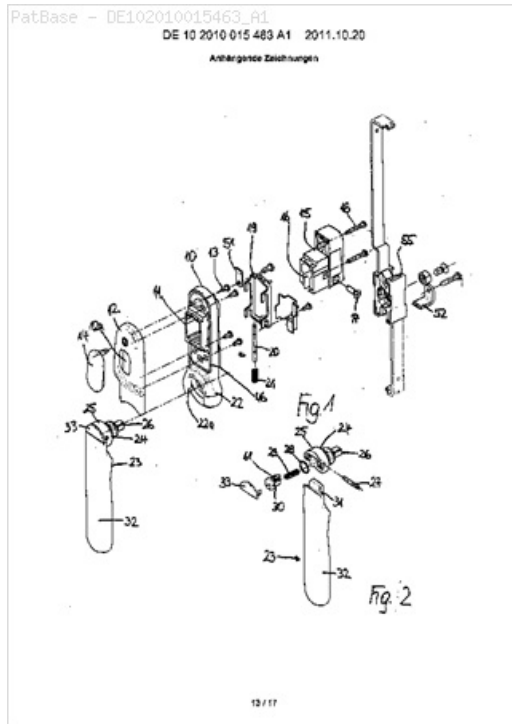
311) Family number: 49771787 (DE102010015463B4)

© PatBase

Title: Schwenkhebelverschluss mit Drehverhinderung fuer die Betaetigungswelle

Abstract: Source: DE102010015463B4 [DE] Verschluss fuer Tueren oder Klappen von Schraenken oder dergleichen Behaeltnissen mit einer an der Aussenseite der Tuer festgelegten, ein Lagergehaeuse (22) fuer einen schwenkbar daran gelagerten Griffhebel (23) aufweisenden Mulde (10), wobei der Griffhebel (23) mit einer mit ihm verbundenen Betaetigungswelle (34) das Tuerblatt in einem Durchbruch durchstoest und ueber die Betaetigungswelle mit einer tuerinnenseitig angeordneten Verriegelungsvorrichtung fuer die Tuer oder Klappe gekoppelt ist, und wobei der Griffhebel (23) in einer zur Tuer senkrechten Ebene zwischen einer Ablagestellung und einer Betaetigungsstellung klappbar und in seiner Betaetigungsstellung in einer zur Tuer parallelen Ebene zur Betaetigung der Verriegelungsvorrichtung drehbar ist und eine Schliessvorrichtung fuer den Griffhebel (23) vorgesehen ist, wobei die Betaetigungswelle (24) hohl ausgebildet und mit einem an ihr ausgebildeten Lagerkopf (25) in dem Lagergehaeuse (22) der Mulde (10) drehbar gelagert ist und der Griffhebel (23) an dem Lagerkopf (25) mittels einer daran festgelegten Halteachse (27) in seiner senkrecht zur Tuer verlaufenden Bewegungsebene klappbar gehalten und drehfest mit dem Lagerkopf (25) verbunden ist, und wobei in dem inneren Hohlraum der Betaetigungswelle (24) ein mit dem Griffhebel (23) bei dessen Klappbewegung zusammenwirkendes uebertragungsglied (30, 37) axial verschiebbar angeordnet ist und die Betaetigungswelle (24) und das uebertragungsglied (30, 37) bei abgeschlossener Schliessvorrichtung (16a) durch eine von der Schliessvorrichtung fuer den Griffhebel (23) zu betaetigende Sicherungsvorrichtung (20) festgelegt sind.

Classifications:**International (IPC 8-9):** E05B13/10 (Advanced/Invention)**CPC:** E05B1/0092 E05B5/003 E05B13/002 E05B17/185 E05C9/041**European:** E05B1/00T E05B13/00C E05B5/00B E05C9/04A P05B17/18D



Family:

Publication number	Publication date	Application number	Application date
DE102010015463 A1	20111020	DE201010015463	20100416
DE102010015463 B4	20140821	DE201010015463	20100416

Priority:

DE201010015463 20100416

Probable Assignee:

EMKA BESCHLAGTEILE

Assignee(s): (std):

EMKA BESCHLAGTEILE

Assignee(s):

EMKA BESCHLAGTEILE GMBH AND CO KG

Inventor(s): (std):

RIEBOLDT GERD ; SKOPNIK JOERG

312) Family number: 34171788 (US2007024066A)

© PatBase

Title: BOLT-TYPE SEAL LOCK

Abstract: The invention is a bolt-type seal lock for use with shipping containers or similar kinds of applications where seal locks are needed. The seal includes a bolt and a separate locking body. The locking body holds a locking mechanism that engages with an end of the bolt when it is inserted into the locking body. The locking body houses a flash memory or equivalent electronic storage device that stores shipping or transportation data relating to the contents of the shipping container. The seal also has a locking mechanism that can be released by a special tool through a lateral access opening. The lateral opening is covered by an identification tab that serves as an identification mechanism for indicating seal tampering and as a barrier to access to the locking mechanism. The identification tab is replaceable which makes the seal recyclable and reusable by shipping companies having a need for large numbers of bolt-type seal locks.

Classifications:

International (IPC 8-9): B65D55/14 E05B39/02 E05B65/48

G06F15/173 H04Q5/22 (Advanced/Invention);

B65D55/02 E05B39/00 E05B65/00 G06F15/16

H04Q5/00 (Core/Invention)

CPC: Y10T70/5031 Y10T292/31 Y10T292/48 Y10T292/51 G09F3/0329

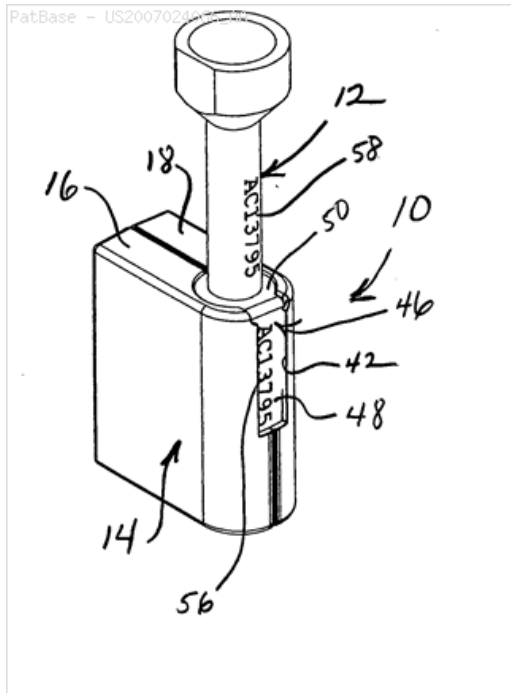
E05B39/02 G09F3/0317 G09F3/0358

European: E05B39/02 G09F3/03A2 G09F3/03A4 G09F3/03A6C

US: 292/281 292/281P 292/307 292/307.00R 292/307R 292/327

292/327P 292/327S 340/10.3 340/10.300S 340/10.4 340/10.400P

340/572.1 70/63 70/63P 709/250 709/250S



Family:

Publication number	Publication date	Application number	Application date
US2007024066 AA	20070201	US20050193300	20050729
US2008315596 AA	20081225	US20060460976	20060729
US2009026773 AA	20090129	US20080245600	20081003
US2009108596 AA	20090430	US20080347714	20081231
US2009108597 AA	20090430	US20080347723	20081231
US2009115200 AA	20090507	US20080347635	20081231
US2009115201 AA	20090507	US20080347658	20081231
US2009115202 AA	20090507	US20080347684	20081231
US2009126424 AA	20090521	US20080347698	20081231
US2009127873 AA	20090521	US20080347668	20081231
US2009146437 AA	20090611	US20080347594	20081231
US2009179437 AA	20090716	US20080347613	20081231
US2010214077 AA	20100826	US20100774627	20100505
US7438334 BB	20081021	US20050193300	20050729
US7828342 BB	20101109	US20060460976	20060729
US7828343 BB	20101109	US20080347594	20081231
US7828344 BB	20101109	US20080347668	20081231
US7828345 BB	20101109	US20080347698	20081231
US7828346 BB	20101109	US20080347714	20081231
US7883126 BB	20110208	US20080347613	20081231
US7883127 BB	20110208	US20080347684	20081231
US7883128 BB	20110208	US20080347723	20081231
US7900980 BB	20110308	US20080347635	20081231
US7938459 BB	20110510	US20080347658	20081231

Priority:

US20050193300 20050729	US20060460976 20060729	US20080245600 20081003
US20080347635 20081231	US20080347658 20081231	US20080347684 20081231
US20080347668 20081231	US20080347594 20081231	US20080347613 20081231
US20080347714 20081231	US20080347723 20081231	US20080347698 20081231
US20100774627 20100505		

Probable Assignee: GOOGLE INC

Assignee(s): (std): KENNEY DANIEL ; TERAHOP NETWORKS INC ; TERRY DANIEL J

Assignee(s): KLJ CONSULTING LLC ; GOOGLE INC ; GOOGLE LLC

Inventor(s): (std): TERRY DANIEL J ; KENNEY DANIEL

Inventor(s): TERRY DANIEL

Agent(s): VANTAGE LAW PLLC; TILLMAN WRIGHT PLLC; CHAD D; JEREMY C

313) Family number: 1962791 (US4372921A)

© PatBase

Title: Sterilized storage container

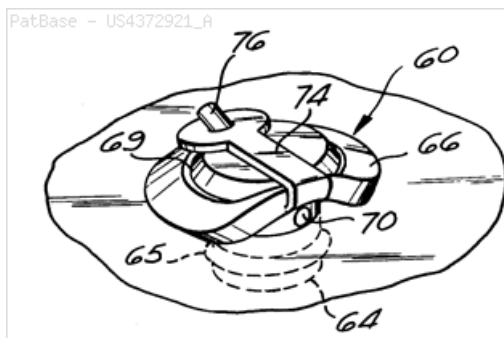
Abstract: A container lid (12) is held open by a support plate (18) carrying a chamber (20) which expands at a predetermined point in a sterilizing cycle to react against the lid, moving the plate outwardly to permit the lid to drop onto the container base. A resilient gasket (16) prevents fluid flow into the container after the lid is fallen, but permits fluid flow outwardly past the gasket when interior pressure exceeds exterior pressure. When the container is to be opened, a relief valve (60) relieves the vacuum within the container and filters air entering the container at that time.

Classifications:

International (IPC 8-9): A61L2/00 A61L2/06 A61L2/26 A61L2/28
A61L9/00 B23B19/02 B23B7/06 B65D81/20 E05D15/02 E05F15/00

E05F15/10 E05F15/20 E06B3/90 F01B15/00 F01B19/00 F15B13/02 F16K31/126 (Advanced/Invention);
A61L2/00 A61L2/04 A61L2/26 A61L9/00 B23B19/00 B23B7/00 B65D81/20 B65D15/00 E05F15/00 E05F15/10 E05F15/20 E06B3/90 F01B15/00 F01B19/00 F15B13/02 F16K31/126 (Core/Invention)
International (IPC 1-7): A61L2/00 A61L2/06 A61L2/26 A61L9/00 B01J3/04 B23B19/02 B23B7/06 B65B55/12 B65D51/16 B65D53/00 B65D81/20 B65D85/00 E05D15/02 E05F15/20 E06B3/90 F01B15/00 F01B19/00 F15B13/02 F15B13/042 F15B15/10 F16J15/46 F16K17/00 F16K31/126 F16K31/128 G05D27/00
CPC: E05F15/40 E05F15/608 E05F15/73 E06B3/90 E05D15/02 E05Y2900/132 Y10T292/67 A61L2/28 A61L2/26
European: A61L2/26 A61L2/28 E05D15/02 E05F15/00B E05F15/10D E05F15/20D E06B3/90 P05Y900/132
US: 206/524.8 220/203.01 220/203.12 220/231 220/371 220/378 236/92R 292/339 422/26 422/293 422/296 422/297 422/300 422/310 49/44 91/14 92/14 92/90 D25/48 D25/48.3 D25/51

PatBase - US4372921_A



Family:

Publication number	Publication date	Application number	Application date
AT16151 E	19851115	AT19810900600T	19810127
AU198167860 A1	19810817	AU19810067860	19810127
AU198279331 A1	19820720	AU19820079331	19811217
AU550054 B2	19860227	AU19810067860	19810127
BR8106221 A	19811117	BR19810006221	19810127
CA1163413 A1	19840313	CA19810369444	19810127
CA1198259 A1	19851224	CA19810444176	19810127
CA1198259 A2	19851224	CA19830444176	19831222
DE3172689 D1	19851128	DE19813172689	19810127
EP0044340 A1	19820127	EP19810900600	19810127
EP0044340 A4	19820610	EP19810900600	19810127
EP0044340 B1	19851023	EP19810900600	19810127
EP0067835 A1	19821229	EP19820900097	19811217
JP57500053 T2	19820114	JP19810500913T	19810127
JP58501762 T2	19831020	JP19810503279T	19811020
JP58501762 T2	19831020	JP19820503279T	19820621
MX154576 A	19871002	MX19810185722	19810127
US4372921 A	19830208	US19810328701	19811208
US4558632 A	19851217	US19820432446	19821004
US4584182 A	19860422	US19820431380	19820930
US4785580 A	19881122	US19830527505	19830829
WO8102108 A1	19810806	WO1981US00116	19810127
WO8202224 A1	19820708	WO1981DK00116	19811217
ZA8100514 A	19820224	ZA19810000514	19810126

Priority:

US19800115678 19800128	US19800220245 19801223	CA19810369444 19810127
CA19810444176 19810127	EP19810900600 19810127	WO1981US00116 19810127
US19810328701 19811208	WO1981DK00116 19811217	US19820431380 19820930
US19820432446 19821004	US19830527505 19830829	

Probable Assignee: BMT INT APS

Assignee(s): (std): BMT INT APS ; BMT INTERNATIONAL APS ; SANDERSON ROGER S ; SANDERSON ROBER S ; SANDERSON R ; SANDERSON ROGER ; SANDERSON R S ; BMT BYGNINGSAUTOMATIC AS ; WHELCHEL ROBERT C

Assignee(s): BMT BYGNINGSAUTOMATIC A S ; BMT INT ; ROGER S SANDERSON ; SANDERSON RS

Inventor(s): (std): WHELCHEL ROBERT C ; WHELCHEL R ; SANDERSON ROGER S ; SANDERSON R S WHELCHEL R C ; SANDERSON R S ; SANDERSON R ; OLESEN J E ; OLESEN JORGEN ERIK ; OLESEN JORGEN E

Inventor(s): JE OLESEN ; SANDERSON RS WHELCHEL R C ; J E OLESEN ; RS SANDERSON ; ROGER S SANDERSON ; ROBERT C WHELCHEL ; R S SANDERSON

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GOWLING LAFLEUR HENDERSON LLP

Designated states: AT AU BE BR CH DE DK FI FR GB JP KP LI LU NL NO SE

314) Family number: 60591792 (WO15156732A1)

© PatBase

Title: LOCKING DEVICE

Abstract: The present invention relates to a locking device (1) for locking a door, gate or the like, where the locking device (1) comprises a first and a second enclosure (2, 4), said enclosures (2, 4) being fixedly arranged on a respective part of two parts (C1, C2), said enclosures (2, 4) each comprising one cavity (20, 400) extending in the longitudinal direction of the respective enclosure (2, 4) and a loose part in the form of a locking beam (3), said locking beam (3) comprising a locking mechanism (30) in its one end (33) for securing the two enclosures (2, 4) and the locking beam (3) to each other, said two cavities (20, 400), in the locking position of the locking device (1), coinciding in the longitudinal direction of the enclosures (2, 4) in such a way that said locking beam (3) can be completely inserted into said two cavities (20, 400) and, as a result, extend through the two cavities (20, 400), the securing of the two enclosures (2, 4) and the locking beam (3) to each other being adapted to take place through co-operation between the locking mechanism (30) and a lock body (6), said lock body (6) being adapted to be inserted into an opening (22) in the first enclosure (2) or in an end guard (80) on the first enclosure (2) for securing to said locking mechanism (30) of said locking beam (3) in a space (281) inside the first enclosure (2) or inside the end guard (80).

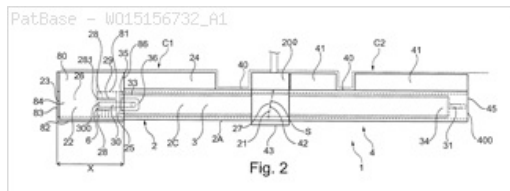
Classifications:

International (IPC 8-9): E05B67/38 E05C19/00

E05C19/18 (Advanced/Invention)

CPC: E05C19/003 E05B67/383 E05B83/02 B65D90/22 B65D2211/00

E05C19/001 E05B67/38 E05C1/04 E05C19/18

**Family:**

Publication number	Publication date	Application number	Application date
SE201450443 A1	20151011	SE20140050443	20140410
SE539164 C2	20170502	SE20140050443	20140410
WO15156732 A1	20151015	WO2015SE50430	20150410

Priority:

SE20140050443 20140410

Probable Assignee: GUNNAR LUNDKVIST**Assignee(s):** (std): GUNNAR LUNDKVIST ; LUNDKVIST GUNNAR**Inventor(s):** (std): GUNNAR LUNDKVIST ; LUNDKVIST GUNNAR**Agent(s):** HYNELL PATENTTJÄENST AB

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

315) Family number: 1273796 (US3951443A)

© PatBase

Title: SECURITY LOCK

Abstract: A security system for double doors which incorporates keeper blocks secured to the doors near their free edges in positions such that they overlap vertically when the doors are closed. The blocks have holes extending vertically therethrough which align when the doors are closed to form a passage for reception of a lock pin assembly having irremovable heads above and below the blocks. The lock pin can only be removed by destroying the pin or the keeper blocks or their supports. The blocks are secured to and shielded by vertically extending reinforcing ribs attached to the doors near their free edges. A pilot hole of a diameter exceeding that of the pin extends through one of the blocks perpendicular to the axis of the pin so that the pin can be cut by means of a drill, allowing the two severed sections of the pin to be moved out of the aligned holes to free the doors.

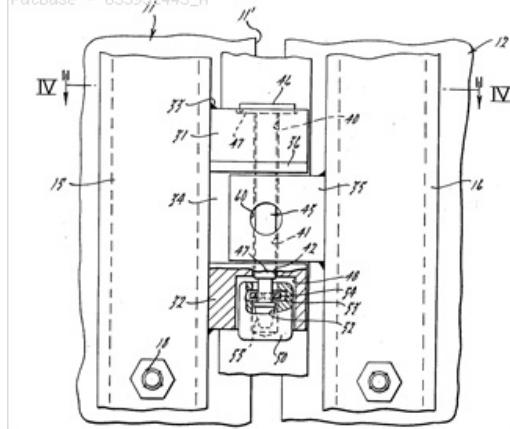
Classifications:**International (IPC 8-9):** E05B39/02 E05B65/16 E05C9/08

G09F3/03 (Advanced/Invention);

E05B39/00 E05B65/12 E05C9/00 G09F3/03 (Core/Invention)

International (IPC 1-7): E05B39/02 E05B65/18 E05C13/02**CPC:** Y10T292/432 Y10T292/51 G09F3/0317 E05B39/02**European:** E05B39/02 G09F3/03A2**US:** 292/302 292/327 411/357

PatBase - US3951443_A

**Family:**

Publication number	Publication date	Application number	Application date
JP1015269 C3	19800929	JP19750126453	19751022
JP51115200 A2	19761009	JP19750126453	19751022
JP54034400 B4	19791026	JP19750126453	19751022
US3951443 A	19760420	US19750562556	19750327

Priority:

US19750562556 19750327

Probable Assignee: FRUEHAUF TRAILER CORP**Assignee(s):** (std): FRUEHAUF CORP**Assignee(s):** FRUEHAUF TRAILER CORP ; FRUEHAUF CORP ; IBJ SCHRODER BANK AND TRUST CO ; IBJ SCHRODER BANK AND TRUST CO AGENT AS ; TEREX TRAILER CORP**Inventor(s):** (std): BARNABY PERRY J ; PERII JIEEMUZU BAANABII**316) Family number: 30417804 (WO9604447A1)**

© PatBase

Title: DOOR LOCK WITH AN EMERGENCY HANDLE FOR MAXIMUM SECURITY

Abstract: Safety lock (10) for doors with a normal lock (14) and emergency handle (15), said handle simultaneously determining, in its translation against the door, release of the internal bolt (12), its sliding movement and opening of the

door.

Classifications:

International (IPC 8-9): E05B39/02 E05B45/12 E05B55/06

E05B63/00 E05B65/10 (Advanced/Invention);

E05B39/02 E05B45/12 E05B55/06 E05B63/00 (Advanced/Non-invention);

E05B65/10 (Core/Invention);

E05B39/00 E05B45/00 E05B55/00 E05B63/00 (Core/Non-invention);

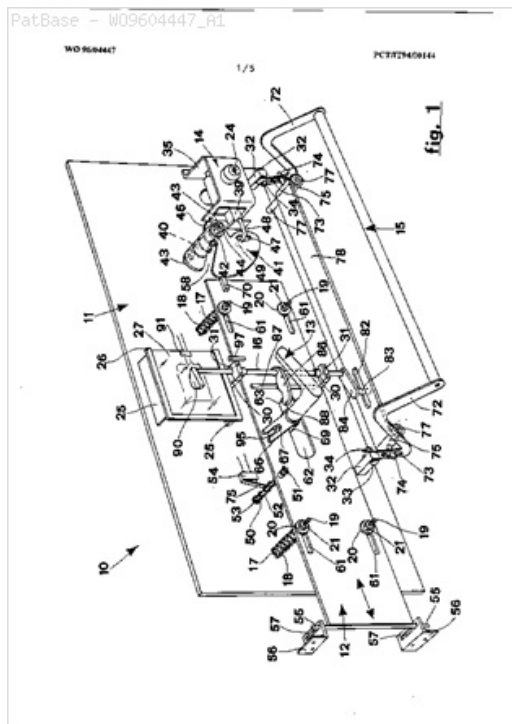
E05B (Subclass/Invention)

International (IPC 1-7): E05B E05B65/10

CPC: E05B39/025 E05B45/12 E05B55/06 E05B63/0073 E05B65/1066

European: E05B65/10L2A P05B39/02G P05B45/12 P05B55/06

P05B63/00T2B



Family:

Publication number	Publication date	Application number	Application date
AT165895 E	19980515	AT19940927034T	19940901
AU199476640 A1	19960304	AU19940076640	19940901
BG101177 A	19970829	BG19970101177	19970127
BRPI9408602 A	19971223	BR1994PI08602	19940901
CA2194553 AA	19970107	CA19942194553	19940901
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EP0771382 B1	19980506	EP19940927034	19940901
IT1274681 B	19970724	IT1994MI01660	19940729
ITMI941660 A0	19940729	IT1994MI01660	19940729
ITMI941660 A1	19960130	IT1994MI01660	19940729
PL318196 A1	19970526	PL19940318196	19940901
RO118217 B1	20030328	RO19970000051	19940901
SK9797 A3	19971008	SK19970000097	19940901
WO9604447 A1	19960215	WO1994IT00144	19940901

Priority:

IT1994MI01660 19940729

WO1994IT00144 19940901

WO1995IT00144 19940901

Probable Assignee: IDEALSTRUTTURE SECURITY SYSTEM

Assignee(s): (std): IDALSTRUTTURE SECURITY SYSTEMS ; IDEAL STRUTTURE SECURITY SYSTE ; IDEALSTRUTTURE SECURITY SYSTEM ; IDEALSTRUTTURE SECURITY SNC DI ; IDEALSTRUTTURE SECURITY SYSTEMS SNC DI RENATO PAPA ; IDEALSTRUTTURE SECURITY SYSTEMS S N C ; PAPARAZZO RENATO

Assignee(s): IDEALSTRUTTURE SECURITY SYSTEMS SNC DI RENATO PAPARAZZO AND C ARESE ; IDEALSTRUTTURE SECURITY SYSTEMS S N C DI RENATO PAPARAZZO AND C ; IDEALSTRUTTURE SECURITY SYSTEMS SNC DI RENATO PAPARAZZO AND C ; IDEALSTRUTTURE SECURITY SNC DI RENATO PAPARAZZO AND C ; IDEAL STRUTTURE SECURITY SYSTEMS S N C DI RENATO PAPARAZZO AND C ARESE IT ; IDEALSTRUTTURE SECURITY SYSTEMS S N C DI RENATO ; IDEALSTRUTTURE SECURITY SYSTEMS S N C DI RENATO PA ; IDEALSTRUTTURE SECURITY SYSTEMS S N C DI RENATO P ; IDEALSTRUTTURE SECURITY SNC DI RENATO PAPARAZZO AN ; IDEAL STRUTTURE SECURITY SYSTEMS S N C DI RENATO P ; IDEAL STRUTTURE SECURITY SYSTEMS S N C DI RENATO PAPARAZZO AND C ; IDALSTRUTTURE SECURITY SYSTEMS SNS

Inventor(s): (std): PAPARAZZO RENATO

Inventor(s): RENATO PAPARAZZO ; PAPARAZZO RENATO I 20020 ARESE IT

Agent(s): SIM AND MCBURNEY

Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KE KP KR KZ LI LK LT LU LV MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SI SK SN TD TG TT UA US UZ VN

317) Family number: 67493808 (DE102016005746A1)

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Title: BLOCKIERSCHALTER-VERSCHLUSSSYSTEM FUER DOPPELTUEREN MIT ELEKTRONISCHER ZUGANGSKONTROLLE Lock switch-CLOSURE SYSTEM FOR DOUBLE DOORS WITH ELECTRONIC ACCESS CONTROL (Machine translation)

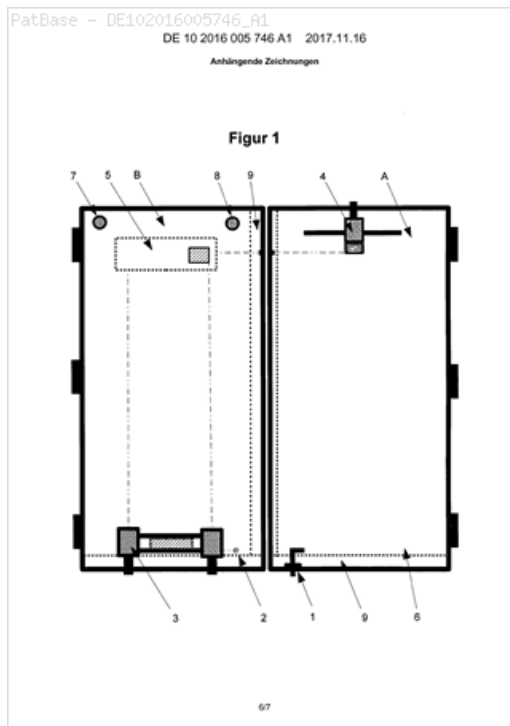
Abstract: Source: DE102016005746A1 [DE] Die Erfindung betrifft ein Blockierschalter-Verschlosssystem (C3), bestehend aus handelsueblichen Doppeltueren mit Verriegelungsbolzen (1), ein im Tuerblatt angebrachten aktiven Blockierschalter (BL1), gesteuert ueber eine integrierte Mobilfunk-Kapsel (K1) oder eine Mobilfunk-Einheit (ME), zu regeln ueber eine Sicherheits-App eines Smartphones, - ein externer Stromanschluss (2) - eine Doppel-Blockiereinheit (3) - ein Verschloss-Blockierschalter (4) - ein Solar-Modul (5) - zwei System-Seriennummern (6) - ein Bewegungssensor (7) - ein Infrarot-Weitwinkelobjektiv (8) - drei Sicherheitsbeschlaege (9) - eine LED-Anzeige (10) - Touch-Display (11) - Sicherheitsapp (12)

- ueberwachungssensor (13)

Machine translation: The invention relates to a lock switch closure system (C3), consisting of commercial double doors with locking pin (1), a blade mounted in the Door Lock Switch Active (BL1), controlled via an integrated mobile radio capsule (C1) or a mobile unit (MU), a smart phone, a sicherheits-app to rules - an external power terminal (2) - a double blocking unit (3) - a closure lock switch (4) - a solar module (5) - Two system serial numbers (6), a movement sensor (7) - (8) an infrared wide-angle lens - Three security fittings (9) - a light-emitting diode (LED) indicator (10) - Touch Display (11) - (12) - Security Sapp monitoring sensor (13)

Classifications:

International (IPC 8-9): E05B47/00 (Advanced/Invention)
CPC: E05C7/04 E05B17/226 E05B47/026 E05B83/12 E05B2047/0064 E05B2047/0095



Family:

Publication number	Publication date	Application number	Application date
DE102016005746 A1	20171116	DE201610005746	20160510

Priority:

DE201610005746 20160510

Probable Assignee: MENZEL GEORGE WERNER

Assignee(s): (std): MENZEL GEORGE WERNER

Inventor(s): (std): MENZEL GEORGE WERNER

318) Family number: 31574816 (US2005044906A)

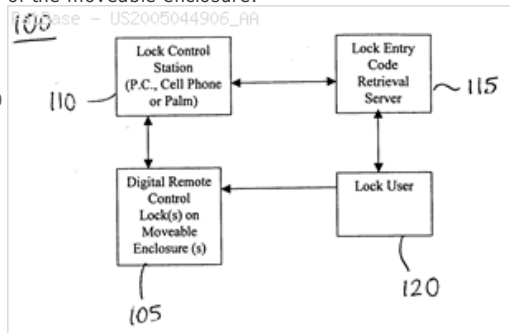
© PatBase

Title: METHOD AND SYSTEM FOR SETTING ENTRY CODES VIA A COMMUNICATIONS NETWORK FOR ACCESS TO MOVEABLE ENCLOSURES

Abstract: A system and method for controlling access to a moveable enclosure are provided. The system includes a lock on the moveable enclosure, a control circuit coupled to the lock and configured to i) receive an entry code and ii) open the lock in response to receipt of the entry code, a time measurement device and/or Global Positioning System device coupled to the control circuit and configured to generate time and position data, such as latitude and longitude data, relating to the moveable enclosure; and a personal computing device wirelessly coupleable to the control circuit and configured to generate the entry code using the latitude and longitude data. The entry code may be erased after a single use. The validity of entry code may depend upon the time of its entry and the physical location of the moveable enclosure.

Classifications:

International (IPC 8-9): E05B47/00 G07C9/00
G08C17/00 (Advanced/Invention);
G07C9/00 (Core/Invention)
International (IPC 1-7): E05B47/00 E05B65/48 G06F7/00 G08C17/00
CPC: Y10T70/5031 G07C9/00571 G07C9/00166 G07C9/0069
G07C2009/00793
European: G07C9/00C4 G07C9/00E7 S07C9/00E12C4
S07C9/00E14C6
US: 340/5.5 340/5.500S 340/5.7 340/5.700S 70/63 70/63P



Family:

Publication number	Publication date	Application number	Application date
CA2473575 AA	20050125	CA20042473575	20040709
US2005044906 AA	20050303	US20030626797	20030725

Priority:

US20030626797 20030725 CA20042473575 20040709

Probable Assignee: SPIELMAN TIMOTHY G
Assignee(s): (std): SPIELMAN TIMOTHY G
Inventor(s): (std): SPIELMAN TIMOTHY G
Inventor(s): SPIELMAN TIMOTHY
Agent(s): GOODWIN MCKAY; PARLEE MCLAWS LLP; KATTEN MUCHIN ZAVIS ROSENMAN

319) Family number: 1347818 (US3995460A)

© PatBase

Title: MAGNETIC CARD KEY OPERATED DOOR LOCK STRUCTURE

Abstract: A door lock structure adapted to be actuated by a magnetic card key and to actuate a conventional cylindrical door lock with substantially no modification to such door lock. A housing containing the magnetically operated elements of the lock is mounted coaxially relative to the cylinder plug of the conventional lock. Insertion of a properly coded magnetic card releases a locking bar which normally holds the structure in locked position, and the entire assembly may be turned to retract the latch or dead bolt.

Classifications:

International (IPC 8-9): E05B47/00 (Advanced/Invention);

E05B47/00 (Core/Invention)

International (IPC 1-7): E05B13/10 E05B35/14 E05B47/00

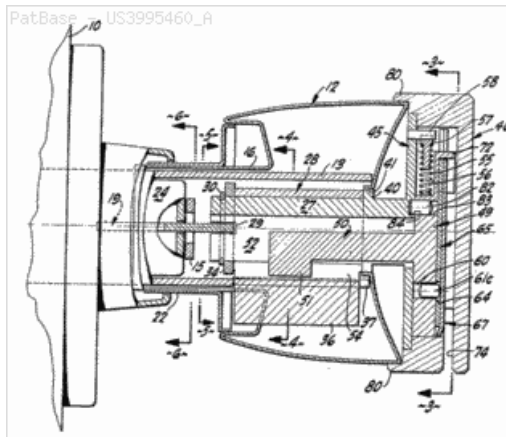
E05B63/00

CPC: E05B47/0043 Y10T70/577 Y10T70/5792 Y10T70/7057

Y10T70/7757 Y10T70/7768 Y10T70/7904

European: E05B47/00B E05B47/00B5

US: 70/210 70/215 70/276 70/387 70/389 70/413



Family:

Publication number	Publication date	Application number	Application date
US3995460 A	19761207	US19750582125	19750530

Priority:

US19750582125 19750530

Probable Assignee: SEDLEY BRUCE S

Assignee(s): (std): SEDLEY BRUCE S

Assignee(s): CARDKEY SYSTEMS INC ; CARDKEY SYSTEMS INC A CORP OF OREGON

Inventor(s): (std): SEDLEY BRUCE S

320) Family number: 43754819 (WO09112023A1)

© PatBase

Title: LOCK DEVICE WITH MANUAL AND REMOTE CONTROL FOR MOVABLE OR PORTABLE CONTAINERS

Abstract: The invention relates to a lock device with manual and remote control for movable or portable containers, such as, for example, cases, rucksacks, etc. A container of this type has a container part and a cover. At least one latching device (200) is attached to the cover and is provided with a latching spindle (205) to which one or more latches (201) are fastened. Each latching device is faced by a retaining device (300) which is attached to the container part and has a longitudinally displaceable displacement strip on which pins (301) are fastened in a row to webs (305), said pins being enclosed in the closed initial position by the lug cutouts present in the latching lugs. For the opening, each displacement strip can be moved by hand, by rotation of the lock (500) in the direction of the fourth arrow (4), to such an extent in the direction of the fifth arrow (5) that the pins (301) are released from the latches. Said opening operation can also be carried out by remote control by, for example, an electromagnet (409) being switched on by means of an electric switching device by the latter receiving coded signals by remote control, for example from a mobile phone.

Classifications:

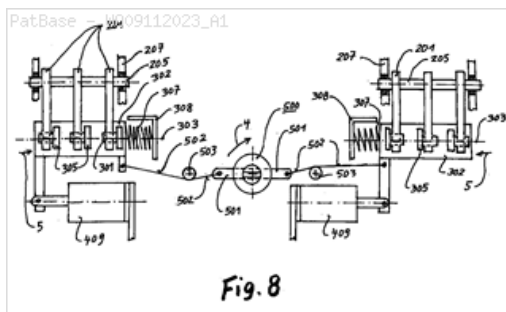
International (IPC 8-9): E05B47/00 E05B47/04 E05B49/00

E05B65/52 (Advanced/Invention);

E05B47/00 E05B47/02 E05B49/00 E05B65/00 (Core/Invention)

CPC: E05B47/00 E05B65/52

European: E05B47/00 E05B65/52



Family:

Publication number	Publication date	Application number	Application date
AT536457 E	20111215	AT20090720681T	20090310
DE102008013538 A1	20091001	DE200810013538	20080311
DE102008013538 B4	20100318	DE200810013538	20080311
DE112009001151 A5	20110210	DE200911001151T	20090310

DE502009002121 D1	20120223	DE200950002121T	20090310
EP2300674 A1	20110330	EP20090720681	20090310
EP2300674 B1	20111207	EP20090720681	20090310
WO09112023 A1	20090917	WO2009DE00338	20090310

Priority:

DE200810013538 20080311 EP20090720681 20090310 WO2009DE00338 20090310

Probable Assignee: ROTH NORBERT

Assignee(s): (std): ROTH NORBERT ; STARRMANN BEATE

Inventor(s): (std): ROTH NORBERT ; STARRMANN BEATE

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

321) Family number: 17732822 (EP0361235A1)

© PatBase

Title: Hinge for the lids of vehicle boots, containers and the like with a customs safety device.

Abstract: The hinge according to the invention is a further development of the hinge known from German Patent Specification 32 45 205. This known hinge possesses a shackle-shaped hinge block and a hinge leaf, the hinge leaf being articulated on the hinge block by means of a threaded bolt which passes through a bore in the hinge leaf and which is screwed into a shackle end. The known hinge also has a customs seal consisting of extensions which are directed inwards from the shackle ends and behind which shell-shaped extensions on the hinge leaf engage when the hinge is in the closing position. A new feature of the hinge according to the invention is that the threaded bolt is screwed into a blind hole (17), and in that, on the inside of the connecting web of the shackle-shaped hinge block (5) there is an extension (15) which comes close up to the hinge leaf.

Classifications:

International (IPC 8-9): E05D11/00 E05D5/10

E05D7/10 (Advanced/Invention);

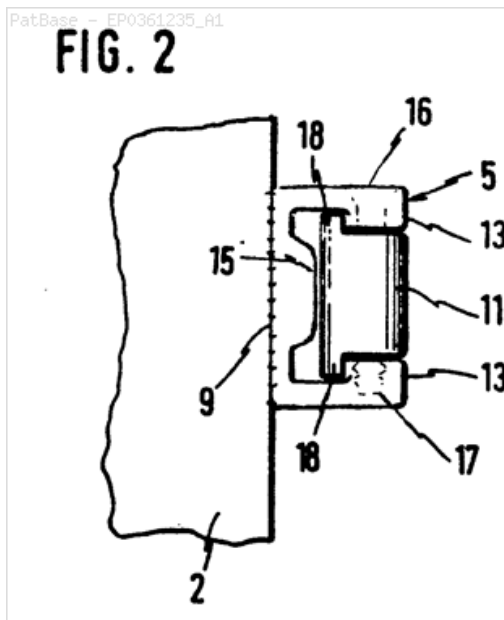
E05D11/00 E05D5/00 E05D7/00 (Core/Invention)

International (IPC 1-7): B60J5/00 E05D11/00 E05D3/02 E05D5/10

E05D7/10

CPC: E05D5/10 E05Y2900/146

European: E05D5/10 P05Y900/146



Family:

Publication number	Publication date	Application number	Application date
DE58900866 D1	19920402	DE19895000866	19890915
DE8812152 U1	19881222	DE19880012152U	19880926
EP0361235 A1	19900404	EP19890117119	19890915
EP0361235 B1	19920226	EP19890117119	19890915
ES2029367 T3	19920801	ES19890117119T	19890915

Priority:

DE19880012152U 19880926 DE19895000866 19890915

Probable Assignee: HESTERBERG AND SOEHNE GMBH AND CO

Assignee(s): (std): HESTERBERG AND SOEHNE GMBH AND CO ; HESTERBERG AND SOEHNE F

Assignee(s): F HESTERBERG AND SOEHNE GMBH AND CO KG ; F HESTERBERG AND SOEHNE GMBH AND CO KG 5828 ENNEPETAL DE ; F HESTERBERG AND SOEHNE GMBH AND CO 5828 ENNEPETAL DE KG ; F HESTERBERG AND SOEHNE GMBH AND CO KG ; F HESTERBERG AND SOEHNE GMBH AND CO KG 5828 ENNEPE

Inventor(s): (std): NIELAND FRIEDHELM

Inventor(s): NIELAND FRIEDHELM W 5805 BRECKERFELD DE

Designated states: DE ES FR IT

322) Family number: 16951829 (DE29803706U1)

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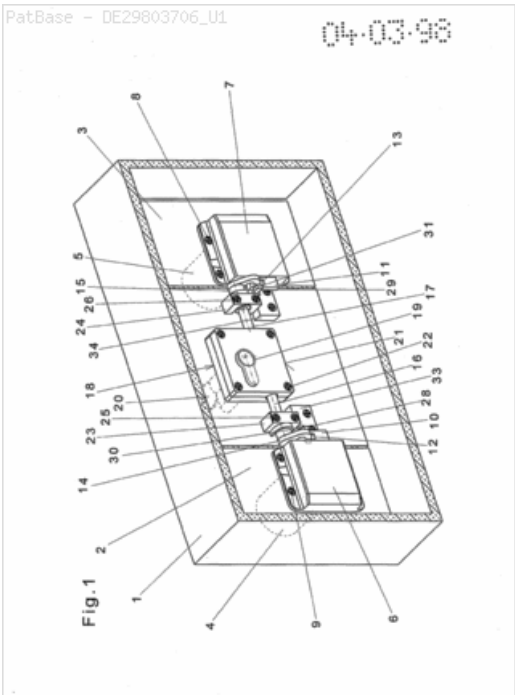
Title: Verschlussvorrichtung with two lockable flaps or doors

Abstract: Source: DE29803706U1 [DE] (Claim 1) 1. Verschlussvorrichtung mit zwei verschliessbaren Klappen oder Tueren (2, 3), insbesondere fuer Abfallbehaelter, denen jeweils ein zum Beispiel manuell betaetigbarer Verschluss (6 bzw. 7) -

Riegelschloss oder dergleichen - zugeordnet ist, mit einem mittels eines Schliessels (20) abschliessbaren Drehstangenschloss (18), das alle Klappen oder Türen (2, 3) gemeinsam absperrt und verschliesst, derart, dass nur bei ordnungsgemäss mittels des passenden Schliessels (20) des Drehstangenschlosses (18) verschlossenen Türen (2, 3) oder Klappen der Schlüssel (20) des Drehstangenschlosses (18) abziehbar ist (Schliesszwang).

Machine translation: (Claim 1) 1 Closure device with two lockable doors or doors (2, 3), particularly for waste containers, each of which one, for example, manually operable lock (6 or 7) - bolt lock or the like - is associated with using a key (20) lockable swivel bar lock (18) that alle Klappen or doors (2, 3) common shuts off and closes, so that only properly using the proper key (20) of the pivot rod lock (18) locked doors (2, 3) or fold down the keys (20) of the rotating rod lock (18) is removable (Schliesszwang).

Classifications:
International (IPC 8-9): E05B63/18 E05B63/24 E05C9/08 (Advanced/Invention); E05B11/02 (Advanced/Non-invention); E05B63/00 E05C9/00 (Core/Invention); E05B11/00 (Core/Non-invention)
International (IPC 1-7): E05B17/20 E05B57/00 E05B65/52
CPC: E05B11/02 E05B63/18 E05B63/24 E05C9/08
European: E05B63/18 E05B63/24 E05C9/08 P05B11/02 P05B63/18



Family:

Publication number	Publication date	Application number	Application date
DE29803706 U1	19980618	DE19982003706U	19980304

Priority:

DE19982003706U 19980304

Probable Assignee: NIEDERDRENK JULIUS KG

Assignee(s): (std): NIEDERDRENK JULIUS KG

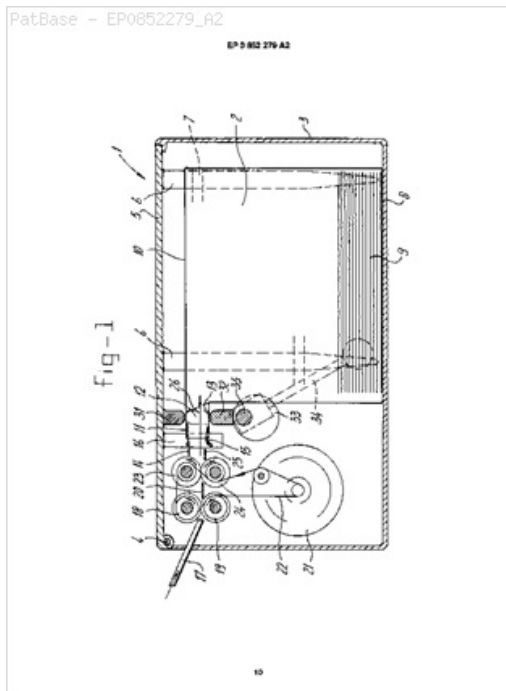
Assignee(s): JUL NIEDERDRENK 42553 VELBERT DE KG ; JUL NIEDERDRENK KG 42553 VELBERT DE

323) Family number: 11410829 (EP0852279A3) © PatBase

Title: ASSEMBLY FOR STORING PAPER MONEY IN A CONTAINER, AS WELL AS CONTAINER AND HOUSING FOR A CONTAINER OF THIS KIND

Abstract: The invention relates to an assembly for storing paper money in a container. The assembly comprises a container (2) and a housing (1) in which the container (2) can be removably accommodated, the housing is provided with insertion means (17) for inserting paper money into the housing, and the insertion means open out onto inlet means (12), via which paper money can be introduced into the said container (2). The container is an essentially closed bag. The inlet means comprise an inlet slot (12) formed in the said bag and the bag is provided, in the region of the inlet slot, with a sealable plastic, in such a manner that the bag can be closed by sealing. Preferably, the housing (1) itself is provided with sealing means (31,32) for sealing the inlet slot (12) of the bag. Furthermore, the housing is preferably provided with a flap (5) for replacing the bag, which flap can be locked by means of locking means (16,36,37,39), which are actively connected to the means for actuating the heat-sealing (33-35) in such a manner that the flap can only be opened after the bag has been sealed.

Classifications:
International (IPC 8-9): B65D33/34 E05G1/00 G07D11/00 (Advanced/Invention); E05G7/00 (Advanced/Non-invention); B65D33/34 E05G1/00 G07D11/00 (Core/Invention); E05G7/00 (Core/Non-invention)
International (IPC 1-7): B65D33/34 E05G1/00 E05G7/00 G07D11/00 G07D13/00
CPC: G07D11/125 E05G1/005 B65D33/34 E05G7/001
European: B65D33/34 E05G1/00C G07D11/00D2B P05G7/00B

**Family:**

Publication number	Publication date	Application number	Application date
EP0852279 A2	19980708	EP19970204138	19971229
EP0852279 A3	19980930	EP19970204138	19971229
NL1004930 C2	19980720	NL19971004930	19970104

Priority:

NL19971004930 19970104

Probable Assignee: ABN AMRO BANK N V**Assignee(s):** (std): ABN AMRO BANK N V ; BAVAK BEVEILIGINGSGROEP BV ; LAMERS PRODUCTIONS B V ; LAMERS PRODUCTIONS BV ; TRANSPSAFE SYSTEMS HOLLAND B**Assignee(s):** TRANSPSAFE SYSTEMS HOLLAND B V ; TRANSPSAFE SYSTEMS HOLLAND BV ; ABN AMRO BANK NV ; BAVAK BEVEILIGINGSGROEP B V**Inventor(s):** (std): LAMERS JACOBUS STEPHANUS ; MOBERG JAN WILHELM ; VAN DIJK PETER ; WOLTERS GERHARD MAX ; DIJK PETER VAN**Inventor(s):** PETER VAN DIJK ; JAN WILHELM MOBERG ; JACOBUS STEPHANUS LAMERS ; GERHARD MAX WOLTERS**Designated states:** AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE**324) Family number: 29085833 (US2003179073A)**

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Title: ELECTRONIC SECURE LOCKING SYSTEM

Abstract: An object of the present invention is to provide a method and apparatus for inhibiting unauthorized utilization of a protected devise, such as a container with electronic locking mechanism installed in the inner side of a container door(s), it is provided for permitting access through the container door. Such mechanism includes electronic lock(s) containing a processor CPU to store container unique ID information. And for controlling the container door lock mechanism, with a means for releasing lock mechanism, includes a portable self-powered electronic reader/controller apparatus. The reader/controller is equipped with a receptacle, which provides power and communicates with container electronic locking processor, through the container mount receptacle terminals or wireless signal(s). For portable/controller user access and for user Identification, the portable reader/controller contains a, magnetic card, RFID card, and smart card, or biometric reader. In a preferred embodiment of the invention, the portable reader/controller comprises of a PDA equipped with a GPS antenna and a GPS map in its database. At port of origin the container given destination GPS address is downloaded into said container lock processor. When container is at given destination location address, the container lock processor upon receipt of PDA location GPS signal, compares in it's database received PDA actual location GPS address along with given container ID code, with previously stored at port of origin given destination GPS address. If the actual received GPS location address and previously given port of origin destination address is a match, the processor signals to the locking mechanism to unlock containers door.

Classifications:

International (ipc 8-9): E05B47/00 E05B65/16
 G07C9/00 (Advanced/Invention);
 E05B47/02 (Advanced/Non-invention);
 E05B47/00 E05B65/12 G07C9/00 (Core/Invention);
 E05B47/02 (Core/Non-invention)

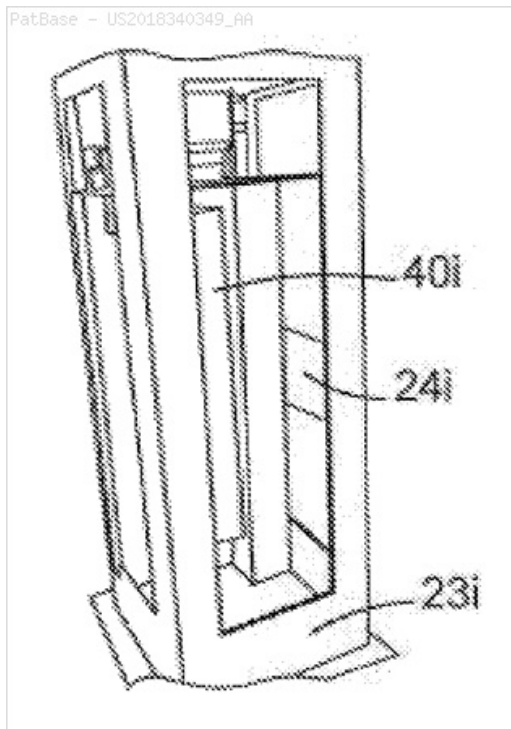
International (ipc 1-7): G05B19/00 H04Q1/00

CPC: E05B47/00 E05B47/0002 E05B47/0012 E05B47/02 E05B83/12
 G07C9/00103 G07C9/00309 G07C9/00563 G07C9/00571
 G07C9/00912 G07C2009/00634 G07C2009/0092

European: P05B47/00A1 P05B47/00A4 P05B47/02 S07C9/00E10
 S07C9/00E20D S07C9/00E4 S07C9/00E6

US: 340/5.6 340/5.600P 340/5.61 340/5.610S 340/56



**Family:**

Publication number	Publication date	Application number	Application date
AR107703 AA	20180523	AR2017P100451	20170223
AU2017204553 AA	20170907	AU20170204553	20170222
AU2017204553 BB	20180802	AU20170204553	20170222
BR112018017198 A2	20190102	BR20181117198	20170222
CA3015715 AA	20180823	CA20173015715	20170222
CN108699856 A	20181023	CN201780012444	20170222
EP3420164 A1	20190102	EP20170755638	20170222
EP3420164 A4	20190306	EP20170755638	20170222
IN201817035530 A	20190104	IN201817035530	20180920
MX2018010131 A1	20190121	MX20180010131	20170222
SG11201806722U A1	20180927	SG20181106722	20170222
TW201736702 A	20171016	TW20170106115	20170223
US2018340349 AA	20181129	US20170547888	20170222
WO17143385 A1	20170831	WO2017AU00052	20170222

Priority:

AU20160900634 20160223 WO2017AU00052 20170222

Probable Assignee: LOKAWAY PTY LTD**Assignee(s):** (std): LOKAWAY PTY LTD**Assignee(s):** DUNSTAN BRETT**Inventor(s):** (std): DUNSTAN BRETT ; BRETT DUNSTAN**Agent(s):** SANDERCOCK AND COWIE; GOWLING WLG CANADA LLP; WOOD GRAHAM; DREW DAVID

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 DJ 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 KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

326) Family number: 16056835 (WO0208551A1)

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Title: ACCESS METHOD AND SYSTEM

Abstract: A method and system for selectively providing access to a secured facility are disclosed. The method includes the steps of generating and submitting an access code to a lock device operable to validate the access code and, upon successful validation of the access code, providing access to the secured facility. The code is valid for access of the secured facility during a specified time period only.

Classifications:

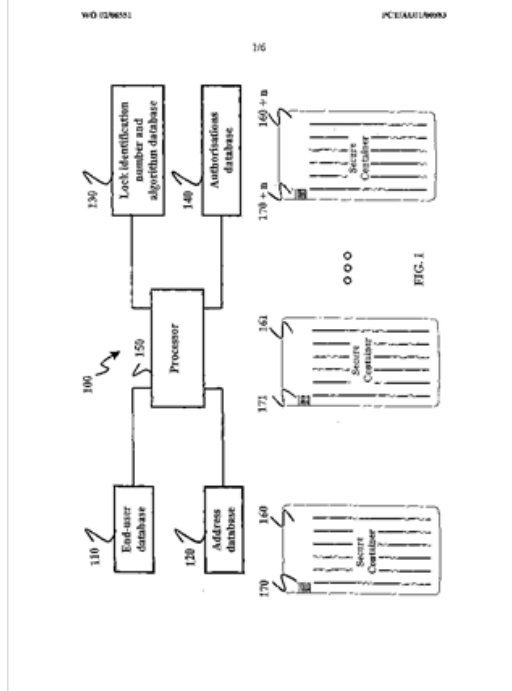
International (IPC 8-9): E05B43/00 E05B49/02 E05B49/04 G07C9/00 (Advanced/Invention);

E05B43/00 E05B49/02 E05B49/04 G07C9/00 (Core/Invention)

International (IPC 1-7): E05B43/00 E05B49/02 E05B49/04

CPC: G07C9/00023 G07C9/00103

European: G07C9/00B4 G07C9/00B8

**Family:**

Publication number	Publication date	Application number	Application date
AU2001272225 AA	20020205	AU20010272225	20010720
AU200172225 A1	20020205	AU20010072225	20010720
AU200172225 A5	20020205	AU20010072225D	20010720
WO0208551 A1	20020131	WO2001AU00883	20010720

Priority:

AU2000PQ00089 20000720 AU20010072225 20010720 WO2001AU00883 20010720

Probable Assignee: CODESMART ACCESS SYSTEMS PTY LTD

Assignee(s): (std): MARSHALL RICHARD IAN ; PALFRAMAN ANDREW SAMUEL ; ROCHFORD CRAIG JOHN ; SMITH ADAM JAMES ; CODESMART ACCESS SYSTEMS PTY L

Assignee(s): CODESMART ACCESS SYSTEMS PTY LTD

Inventor(s): (std): MARSHALL RICHARD IAN ; PALFRAMAN ANDREW SAMUEL ; ROCHFORD CRAIG JOHN ; SMITH ADAM JAMES

Inventor(s): RICHARD IAN MARSHALL ; CRAIG JOHN ROCHFORD ; ANDREW SAMUEL PALFRAMAN ; ADAM JAMES SMITH

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 LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

327) Family number: 65617836 (US2018328078A)

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Title: DEVICE FOR MONITORING AND SECURING MOBILE ASSETS

Abstract: An improved monitoring and securing device is provided. Example embodiments provide a monitoring and securing device that includes a fastening system with an elongation and compression mechanism that allows it to be adapted to different topographies of the surface to which they are fastened and are designed to secure two irregular elements to form a connection. Thus, the improved monitoring and securing device can be simultaneously fastened to, for example, one right door and one left door that close to form a connection that is uneven in depth, while monitoring related events such as installation and removal of the monitoring and securing device, opening and closing of the movable entity's locking mechanism and doors, and other events.

Classifications:

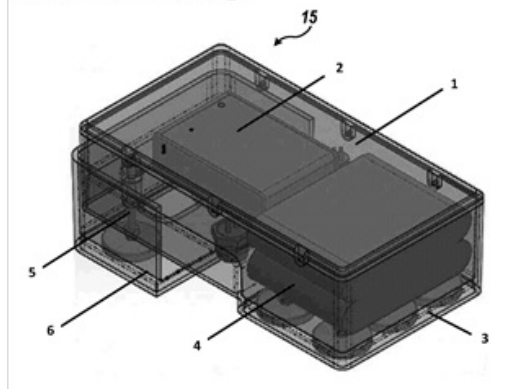
International (IPC 8-9): E05B39/00 E05B45/06 E05B83/02

E05C19/18 E05C7/00 G01S17/46 G08B13/08

H04W4/38 (Advanced/Invention)

CPC: E05B83/02 E05B39/005 E05B45/06 E05C7/00 E05C19/188

H04W4/029 H04W4/38 E05B2045/0695

**Family:**

Publication number	Publication date	Application number	Application date
CO16173535 A1	20170831	CO20160173535	20160629
US2018328078 AA	20181115	US20160774271	20161107
WO17079752 A1	20170511	WO2016US60846	20161107

Priority:

US20150251577P 20151105 US20150251581P 20151105 US20150251584P 20151105
WO2016US60846 20161107 US20160774271 20161107

Probable Assignee: COMMERCIAL FINANCE CORP S DE R L

Assignee(s): (std): COMMERCIAL FINANCE CORP S DE R L

Assignee(s): COMMERCIAL FINANCE CORP S DE RL ; COMMERCIAL FINANCE CORP

Inventor(s): (std): LOPEZ IVAN ; LLOREDA MAURICIO

Inventor(s): IVAN LOPEZ RAMIREZ ; MAURICIO LLOREDA SALGADO

Agent(s): JAMES IAN RAISBECK LLINAS; BIERMAN ELLEN M

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 DJ 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 KW 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

328) Family number: 28332838 (US2003039173A)

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Title: METHODS FOR REDUCING RINGING OF ULTRASONIC TRANSDUCERS

Abstract: Methods for reducing ringing of dual-function ultrasonic air-coupled transducers in which at least one electrical passive circuit is applied to the transducer. The circuit may be either a linear circuit or a non-linear circuit. Different circuits can be applied to the transducer when the transducer is in a transmission mode than when the transducer is in a reception mode.

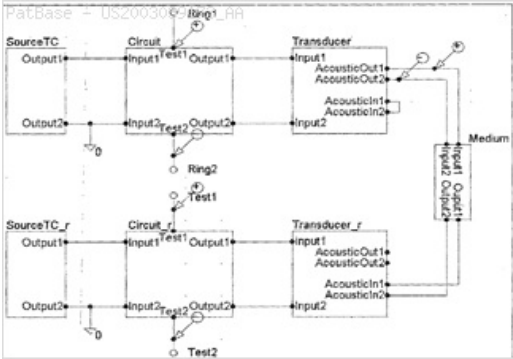
Classifications:

International (IPC 8-9): B06B1/02 B06C23/00 B06C23/04 B60H1/00 B60H1/32 B60J10/00 B60K28/00 B60K28/02 B60N2/00 B60N2/015 B60N2/02 B60N2/06 B60N2/28 B60N2/427 B60N2/48 B60N2/66 B60Q1/00 B60Q1/14 B60R1/00 B60R16/02 B60R16/037 B60R21/00 B60R21/01 B60R21/013 B60R21/015 B60R21/02 B60R21/04 B60R21/16 B60R21/18 B60R21/32 B60R22/00 B60R22/20 E05F15/00 F24F11/00 F24F7/00 G01C3/08 G01F23/00 G01F23/20 G01F23/296 G01G19/10 G01G19/414 G01J1/34 G01M17/00 G01S15/04 G01S15/42 G01S15/87 G01S15/88 G01S17/88 G01S7/41 G01S7/48 G01S7/539 G06F15/00 G06F17/00 G06F19/00 G06F7/00 G06F7/70 G06G7/00 G06G7/76 G06K7/00 G06K9/00 G06K9/02 G08B1/08 G08B13/14 G08B29/00 G08B29/18 G08C19/00 G09G5/00 H01J40/14 H04B1/00 H04B1/02 H04B3/00 H04N7/18 H04Q5/22 H04R3/00 H04R5/02 (Advanced/Invention); B60R1/12 B60R21/00 B60R21/013 B60R21/0132 B60R21/0134 B60R21/015 B60R21/20 B60R21/203 B60R21/215 B60R21/231 B60R21/26 B60R21/276 B60R22/28 B60R22/46 B60R22/48 G01S13/04 G01S15/04 G01S15/06 G01S17/89 G06E1/00 G06F15/18 G06K9/36 (Advanced/Non-invention); B06B1/02 B06C23/00 B06C23/02 B60H1/00 B60J10/00 B60K28/00 B60N2/00 B60N2/005 B60N2/02 B60N2/06 B60N2/26 B60N2/42 B60N2/48 B60N2/64 B60Q1/00 B60Q1/14 B60R16/02 B60R16/037 B60R21/00 B60R21/01 B60R21/013 B60R21/015 B60R21/02 B60R21/04 B60R21/16 B60R22/00 B60R22/18 E05F15/00 F24F7/00 G01F23/00 G01F23/296 G01G19/08 G01G19/40 G01J1/10 G01M17/00 G01S15/00 G01S17/00 G01S7/02 G01S7/48 G01S7/539 G06F15/00 G06F17/00 G06F19/00 G06F7/00 G06F7/60 G06G7/00 G06K7/00 G06K9/00 G06K9/62 G08B1/00 G08B13/14 G08B29/00 G08C19/00 G09G5/00 H01J40/00 H04B1/00 H04N7/18 (Core/Invention); B60R1/12 B60R21/013 B60R21/0132 B60R21/0134 B60R21/015 B60R21/20 B60R21/23 B60R21/26 B60R22/00 B60R22/28 B60R22/46 G01S13/00 G06E1/00 G06F15/18 G06K9/36 (Core/Non-invention)

International (IPC 1-7): G01S15/00 H04B1/02

CPC: B60C23/0408 B60C23/007 B60C23/008 B60W50/16 B62D1/046 G08B13/1427 G08B13/2462 G08B13/248 G08B21/0227 G08B21/023 G08B21/0286 G08B29/181 G06Q20/203 H04R5/02 B60R11/02 B60R11/04 B60R2011/0003 B60R2011/0005 B60R2011/0022 B60R2011/0028 E05F15/00 B60N2002/0272 Y10S367/903 E05Y2400/664 E05Y2400/85 B06B1/0215 E05Y2900/538 B60N2/0224 B60N2/0244 B60N2/0248 B60N2/0252 B60N2/0276 B60N2/28 B60N2/2806 B60N2/2863 B60N2002/0268 B60R16/037 B60R21/0134 B60R21/0136 B60R21/203 B60R21/21656 B60R21/276 B60R25/25 B60R25/252 B60R25/255 B60R25/257 B60R2001/1223 B60R2001/1253 B60R2021/01315 E05Y2900/55 G01S7/4802 G01S7/539 G01S15/04 G01S15/06 G01S15/42 G01S15/87 G01S15/88 G01S17/88 G01S17/89 B60R1/088 B60R11/0241 G01F23/0076 G01F23/20 G01F23/2962 G01S13/74 B60R11/0229 G02B2027/014 B60R21/16 E05Y2900/50 B60R21/01548 B60R21/01554 B60R21/01552 B60R25/102 B60R2325/304 B60R2021/01088 G07B15/063 G08G1/205 B60N2/015 B60N2/067 B60N2/0732 B60N2/18 B60N2/1803 B60N2/181 B60N2/1817 B60R2022/4808 B60R21/01546 G02B27/0149 B60R21/0154 B60R21/01544 E05F15/43 E05F15/431 E05F2015/433 E05F15/40 E05F15/73 E05F15/70 B60R21/015 B60R1/00 B60R2300/8073 G06K9/00369 B60R21/01526 B60R21/01532 B60R21/01534 B60R21/01536 B60R21/01538 G06K7/10178 B60C23/0433 Y10T137/3584 Y10T137/36 B60R21/01542 G06K9/00624 B60R21/0152 G06K9/00832 B60J7/0573 E05Y2900/516 E05Y2900/542 G01S17/026 G06F3/0219 G06F3/0233 G06F3/0237 G06F3/0238 G07C5/0808 H01Q1/3291 B60R22/20 B60R2021/0027 B60R2021/23153 B60R2021/26094 B60R2021/2765 B60R2022/208 B60R2022/4825 G10K2210/1282 G10K2210/3219 B60R22/201 B60R2022/288 B60R2022/4685 G06K9/00838 G08C17/00 B60N2/66 B60R21/017 B60R21/01512 B60R21/01516 G01S7/417 G06K9/00362 G01S15/523 H01H9/168 B60R21/013 B60R2021/01054 B60R2021/01061 B60R2021/01109 B60R2021/01184 G07C5/008 G07C5/085 G07C5/0891 G01S13/04 B60J10/00 B60R21/0153 F24F11/30 B60H1/00742 B60H1/00842 F24F12/10 B60N2/821 B60N2/829 B60N2/85 B60N2/853 B60N2/865 B60N2/888 B60R21/0132 B60N2/4228 B60N2/0232 B60N2/4279 B60R21/207 B60R2021/0011 B60R2021/0048 G06Q10/06 G06K17/00 G01S13/878 G06K7/0008 G06K7/10079 H01Q1/2208 B60K2370/143 B60K2370/1438 B60K2370/21 B60R21/213 B60K35/00 B60K37/06 B60N2/002 B60R21/233 B60R21/235 G01G23/3728 G02B27/01 G02B2027/0138 G02B2027/0187 H01Q1/3233 H01Q1/325

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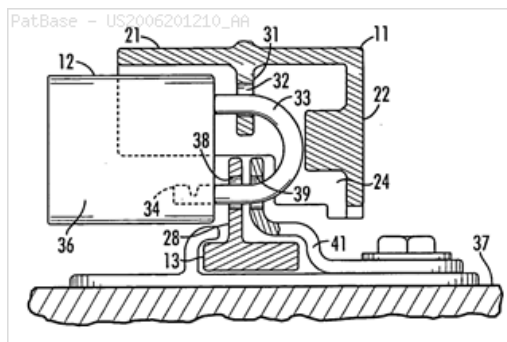
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Probable Assignee: AMERICAN VEHICULAR SCIENCES LLC**Assignee(s):** (std): AUTOMOTIVE TECH INT ; DUVALL WILBUR E ; JOHNSON WENDELL C ; BREED DAVID S ; INTELLIGENT TECH INT INC**Assignee(s):** YURCHENKO OLEKSANDR V ; AMERICAN VEHICULAR SCIENCES LLC ; INTELLIGENT TECHNOLOGIES INT INC ; INTELLIGENT TECHNOLOGIES INTERNATIONAL INC ; INTELLIGENT TECHNOLOGIES INT ; AUTOMOTIVE TECHNOLOGIES INT ; AUTOMOTIVE TECHNOLOGIES INT INC ; AUTOMOTIVE TECHNOLOGIES INTERNATIONAL INC ; AUTOMOTIVE TECHNOLOGIES INTIONAL**Inventor(s):** (std): YURCHENKO OLEKSANDR V ; JOHNSON WENDELL C ; DUVALL WILBUR E ; DAVIS STUART D ; BREED DAVID S ; PIIRAINEN RAY ; PATEL RASHIK ; MORIN JEFFREY L ; CASTELLI VITTORIO ; BREED RYAN H ; DU VALL WILBUR E**Inventor(s):** BREED DAVID ; BREED RYAN ; JOHNSON WENDELL ; DUVALL WILBUR ; DAVIS STUART**Agent(s):** BRIAN ROFFE ESQ; BRIAN; ROFFE BRIAN; BRIAN ROFFE**329) Family number: 33341844** (US2006201210A)

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Title: STANCHION LEVER LOCK GUARD**Abstract:** A lock guard is provided which is particularly well suited to protect a padlock employed to secure a stanchion lever securing one or more doors of a cargo container, trailer truck or moving van. The lock guard provides protective housing or shield for the shackle of the padlock when the padlock is in its installed locking position.**Classifications:****International (IPC 8-9):** E05B67/38 (Advanced/Invention); E05B67/00 (Core/Invention)**CPC:** Y10S292/32 Y10T70/498 Y10T70/5739 Y10T70/5779 Y10T292/1049 Y10T292/1086 E05B67/38**European:** E05B67/38**US:** 292/205 292/218 292/DIG.32 70/203 70/212 70/56 70/56P



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Probable Assignee: MCGRAW ENTERPRISES INC

Assignee(s): (std): GOGEL ROY E

Assignee(s): MCGRAW ENTERPRISES INC ; SGM ENTERPRISES LLC

Inventor(s): (std): GOGEL ROY E

Inventor(s): GOGEL ROY

Agent(s): JOHN B HARDAWAY III NEXSEN PRUET JACOBS AND POLLARD LLC; JOHN B HARDAWAY III NEXSEN PRUET LLC; NEXSEN PRUET LLC; CHARLES L

330) Family number: 43125848 (US2009091144A)

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Title: BOLT SECURITY SEAL WITH REUSABLE ELECTRONICS MODULE AND BOLT

Abstract: An electronic circuit senses and transmits a tamper condition of a bolt seal locked with a locking device external the module on a side of the module opposite the bolt head. The module is reusable intact when the bolt/locking device, which is conventional, is opened. In various embodiments, a tang type metal/plastic or plastic tamper indicative seal may be attached through a hole in the bolt tip region that has a narrowed diameter tip or attached in a one way clutch action on the tip, or which mates in a bolt groove at the bolt tip region and/or a conventional tamper evident seal is attached to the surface of the bolt shank at the bolt tip region in a clutch action. Different bolt embodiments comprise non-electrically conductive or electrically conductive plastic or steel shanks with juxtaposed electrical conductors along the shank connected to external conductors formed by coatings or axially spaced cylindrical sleeves forming contact regions which engage the circuitry contacts inside the module.

Classifications:

International (IPC 8-9): E05B39/00 E05B39/02 G09F3/03

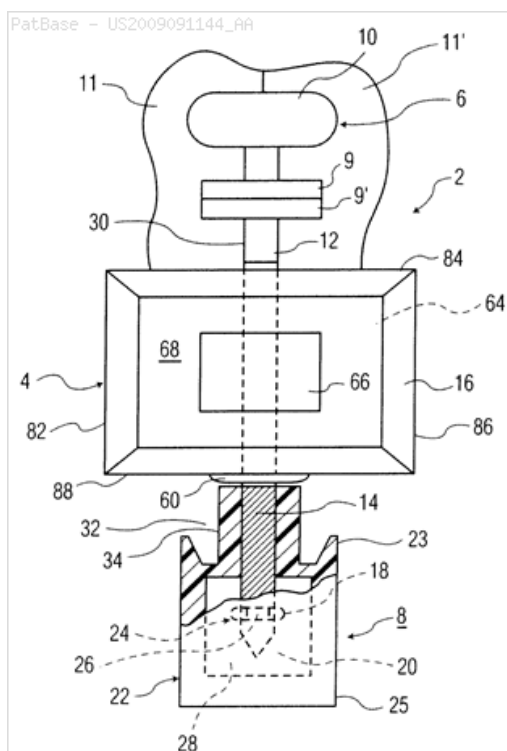
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US: 1/1 292/327 292/327P 361/747 361/747P 70/39



Family:

Publication number	Publication date	Application number	Application date
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EP2195802 A2	20100616	EP20080837594	20080929
EP2195802 B1	20121226	EP20080837594	20080929
EP2195802 B8	20130220	EP20080837594	20080929
EP2710576 A1	20140326	EP20120723012	20120509
ES2401988 T3	20130426	ES20080837594T	20080929
MX2013012084 A1	20140131	MX20130012084	20120509
US2009091144 AA	20090409	US20080239869	20080929
US2011273852 AA	20111110	US20110110313	20110518
US2015213737 AA	20150730	US20150613528	20150204
US2017032710 AA	20170202	US20160291705	20161012
US9472125 BB	20161018	US20110110313	20110518
WO09048516 A2	20090416	WO2008US11298	20080929
WO09048516 A3	20091015	WO2008US11298	20080929
WO09048516 A8	20090820	WO2008US11298	20080929
WO09048516 A9	20090618	WO2008US11298	20080929
WO12158421 A1	20121122	WO2012US37053	20120509

Priority:

US20070997858P 20071005 EP20080837594 20080929 US20080239869 20080929
WO2008US11298 20080929 US20110110313 20110518 WO2012US37053 20120509
US20150613528 20150204 US20160291705 20161012

Probable Assignee: E J BROOKS CO

Assignee(s): (std): BROOKS CO E J ; DEBRODY ROBERT ; DREISBACH RICHARD ; RUTH DONALD ; LUNDBERG GEORGE

Assignee(s): EJ BROOKS CO ; E J BROOKS CO LIVINGSTON ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS ; WELLS FARGO BANK NATIONAL ASSOCIATION ; E J BROOKS CO ; WELLS FARGO BANK NA COLLATERAL AGENT AS ; E J BROOKS COMPANY

Inventor(s): (std): DREISBACH RICHARD ; RUTH DONALD ; LUNDBERG GEORGE ; DEBRODY ROBERT

Inventor(s): RICHARD DREISBACH ; DONALD RUTH ; GEORGE LUNDBERG ; ROBERT DEBRODY ; LUNDBERG GEORGE POMPTON PLAINS ; DREISBACH RICHARD LAFAYETTE ; RUTH DONALD NEWTON ; DEBRODY ROBERT WAYNE

Agent(s): SMART AND BIGGAR; LOUIS POEHLAU LOHRENTZ; KOEHLER WALTER; GARCIA-CABRERIZO GARCIA-CABRERIZO PEDRO; CARELLA BYRNE BAIN GILFILLAN CECCHI STEWART AND OLSTEIN; GARDNER LINN BURKHART AND FLORY LLP; SQUIRE WILLIAM 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

331) Family number: 70342849 (US2018186531A)

© PatBase

Title: ELECTRONIC STORAGE CABINET

Abstract: A storage container can include at least one movement sensor in or on a frame of the storage container and at least one movement sensor in or on a door of the storage container. A processor can compare outputs of the movement sensors to determine whether the door is open.

Classifications:

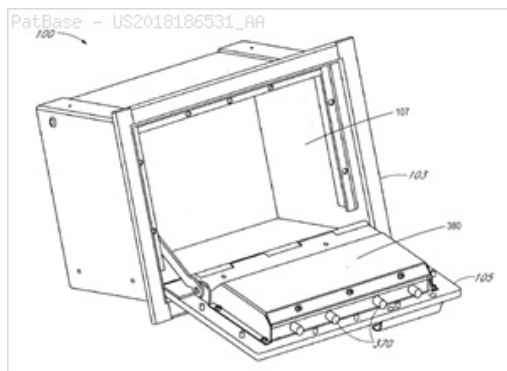
International (IPC 8-9): B65D55/14 E05B17/22 E05B65/00

E05B65/52 G07C9/00 (Advanced/Invention)

CPC: B65D55/14 E05B65/0075 A61J1/00 G07C9/00944 E05B17/22

E05B65/52 A61J2205/60 B65D2255/00 G06Q10/0832 G07C9/00722

G07C9/00912 G07C2009/0092



Family:

Publication number	Publication date	Application number	Application date
US2018186531 AA	20180705	US20170852326	20171222
WO18128854 A1	20180712	WO2017US68155	20171222

Priority:

US20170442261P 20170104 US20170852326 20171222

Probable Assignee: KNOX ASSOCIATES INC DBA KNOX CO

Assignee(s): (std): KNOX ASS INC DBA KNOX CO ; KNOX CO

Assignee(s): KNOX ASSOCIATES INC DBA KNOX CO

Inventor(s): (std): PAVLOVIC BRYAN EDWARD ; RODRIGUES DE MIRANDA HANS ; EDBERG JOSHUA JACQUE ; MOSIER TERRY ; PEDERSEN JASON ; MCBRIDE JAMES ; EDBERG JOSHUA ; PAVLOVIC BRYAN

Agent(s): RAEVSKY SCOTT

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 DJ 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 JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG

332) Family number: 12497850 (DE19842897A1)

© PatBase

Title: All purpose closure fastening has closure element, with bar shaped fastening, fork closed b straight or curved bolt or arm

Abstract: The all-purpose closure (1) consists of at least one closure element (5) and at least one round, oval and or polygonal sectioned bar-shaped fastening(2) on the end of which is at least one rotarily and swivel movable linkage (3,4). The fastening element can be continuously altered in length and consists of a U-shaped fork closed by a straight or curved bolt or swiveling arm (17) contained in a lock, for example a key or combination lock.

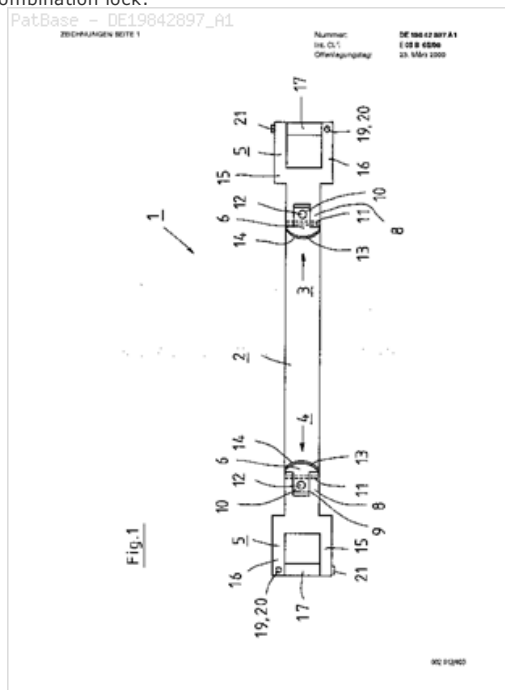
Classifications:

International (IPC 8-9): B62H5/00 E05B71/00 (Advanced/Invention);
E05B67/00 (Advanced/Non-invention)

International (IPC 1-7): E05B65/00 E05B65/20

CPC: B62H5/003 E05B67/003 E05B71/00

European: B62H5/00C E05B71/00 P05B67/00B

**Family:**

Publication number	Publication date	Application number	Application date
DE19842897 A1	20000323	DE19981042897	19980918
DE19842897 C2	20010308	DE19981042897	19980918

Priority:

DE19981042897 19980918 DE19981042897 19980918

Probable Assignee: OPITZ MICHAEL

Assignee(s): (std): OPITZ MICHAEL

Inventor(s): (std): OPITZ MICHAEL

333) Family number: 41908853 (US2008134735A)

© PatBase

Title: APPARATUS AND METHOD FOR VENDING SECURELY STORED PRODUCTS TO CONSUMERS

Abstract: A lock mechanism is disclosed, the lock mechanism having a rotary latch configured for rotation between a locked position and an unlocked position, the rotary latch rotating in a first plane and the rotary latch is retained in the locked position after it has been rotated into the locked position from the unlocked position, the rotary latch being spring biased into the unlocked position by a biasing member; and a first lock mechanism for releasing the rotary latch from the locked position after actuation of the first lock mechanism, the biasing member rotating the rotary latch into the unlocked position, the rotary latch being capable of being manipulated back into the locked position from the unlocked position after release by the first locking mechanism and the first locking mechanism must be reset in order to once again release the rotary latch.

Classifications:

International (IPC 8-9): E05B11/00 E05B15/00 E05B15/10
E05B35/00 E05B35/12 E05B47/02 E05B63/14 F16B1/00

G07F7/06 (Advanced/Invention);

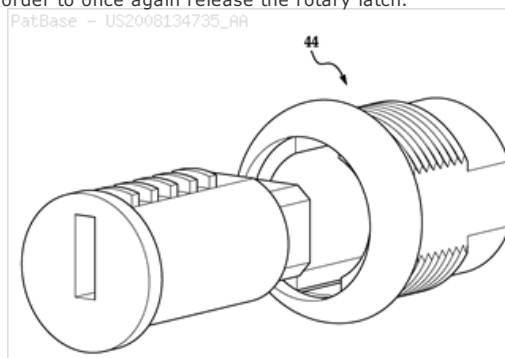
E05B13/00 E05C3/24 (Advanced/Non-invention);

E05B63/00 (Core/Invention)

CPC: E05B13/004 E05B47/023 E05C3/24 G07F7/0609 Y10S70/62
Y10S70/63 Y10T70/625 Y10T70/7441 Y10T70/7768 Y10T292/1047
Y10T292/1078 Y10T403/602 E05B15/0046 E05B15/101
Y10T292/1062 E05B35/12

European: E05B35/12 E05B47/02P G07F7/06B P05B13/00C2
P05B47/02 P05C3/24

US: 1/1 292/198 292/216 292/229 403/327 403/327S 70/263
70/263P 70/336 70/336P 70/389 70/DIG.62 70/DIG.63

**Family:**

Publication number	Publication date	Application number	Application date
US2008134735 AA	20080612	US20070938002	20071109
US2012125060 AA	20120524	US20110291500	20111108
US2015315813 AA	20151105	US20150797774	20150713
US8051691 BB	20111108	US20070938002	20071109
US9080350 BB	20150714	US20110291500	20111108
US9200475 BB	20151201	US20110291500	20111108

Priority:

US20060865097P 20061109 US20070938002 20071109 US20110291500 20111108
US20150797774 20150713

Probable Assignee: WIND CORP

Assignee(s): (std): GALLO MICHAEL ; SANELLI STEVE ; WIND CORP

Inventor(s): (std): GALLO MICHAEL ; SANELLI STEVE

Agent(s): CANTOR COLBURN LLP

334) Family number: 73042853 (WO19020149A1)

© PatBase

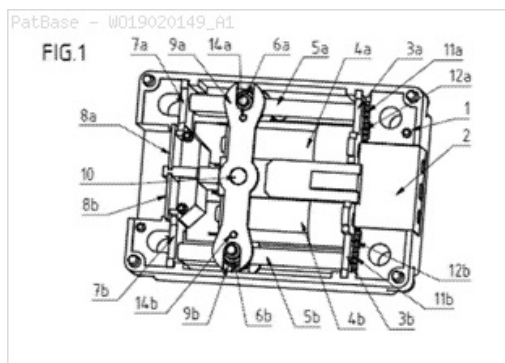
Title: LOCKING DEVICE

Abstract: The invention relates to a locking device having a housing (1) and a cover (16) which closes the housing, wherein the housing (1) has arranged therein a latch (2) which can be moved back and forth in the housing (1) by means of at least one motor (4, 4a, 4b) and at least one gear mechanism between an open position and a closed position in which the latch (2) projects out of a latch opening on the front side of the housing (1) from the latter. Here, the latch (2) has a lower bolt (10a) and an upper bolt (10b) which interact with a respective bridging plate (9a, 9b) in such a way that the bridging plates (9a, 9b) are held in their centre so as to be rotatable with respect to the latch (2), wherein the bridging plates (9a, 9b) are provided at their ends with openings into which pins (17a, 17b, 22a, 22b) engage, wherein at least two of these pins (17a, 17b) are arranged on a spindle nut (6, 6a, 6b) which is movable on a spindle (5, 5a, 5b), which is rotatably mounted between the front side and the rear side of the housing (1), by means of the at least one motor (4, 4a, 4b) and the at least one gear mechanism.

Classifications:

International (IPC 8-9): E05B47/00 E05B47/02
E05B65/00 (Advanced/Invention)

CPC: E05B47/026 E05B47/0012 E05B65/0075 E05B2047/0013
E05B2047/0023



Family:

Publication number	Publication date	Application number	Application date
DE102017117139 A1	20190131	DE201710117139	20170728
WO19020149 A1	20190131	WO2018DE100672	20180730

Priority:

DE201710117139 20170728

Probable Assignee: GST GEBAEUDE SICHERHEITSTECHNIK GMBH

Assignee(s): (std): GST GEBAEUDE SICHERHEITSTECHNIK GMBH ; JUB CREATIVE PRODUCT GMBH

Inventor(s): (std): HOERSCHELMANN PETER

Agent(s): SPRENGER GERRIT

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 DJ 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 JO JP KE KG KH KM KN KP KR KW 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

335) Family number: 6066856 (DD281098A)

© PatBase

Title: VORRICHTUNG ZUM HALTEN VON GEOEFFNETEN KLAPPEN UND TUEREN DEVICE FOR KEEPING OPEN LIDS AND DOORS
(Machine translation)

Abstract: Source: DD281098A [DE] [Source: Claim 1] 1. Vorrichtung zum Halten von geoeffneten Klappen und Tueren in jeder beliebigen Zwischenstellung, dadurch gekennzeichnet, dass die Haltevorrichtung aus einem an geeigneter Stelle in bekannter Weise drehbar angebrachtem Fuehrungsteil (9), einem in zwei an gegenueberliegenden Waenden des Fuehrungsteils vorhandenen Bohrungen verlaufenden Rundstab (4), welcher durch ein Hemmungsglied (10) hindurchfuehrt, dessen Bohrung so bemessen ist, dass es schraeg mit der nach innen ragenden abgefasten Kante als Schwenkkante (13) an der oberen Wand des Fuehrungsteiles (9) anliegt, waehrend die obere Innenkante (15) und die untere Innenkante (16) der Bohrung am Rundstab (4) anliegen, und einer Blattfeder (11), die zwischen der unteren Kante des abgefasten Endes des Hemmungsgliedes (10) und der unteren Wand des Fuehrungsteiles (9) gelagert ist, sowie einer in der unteren Wand des Fuehrungsstabes (9) gelagerten Anschlagschraube (12) besteht, wobei das Ende der Anschlagschraube genau dem nach aussen und schraeg nach unten ragenden Ende des Hemmungsgliedes (10) gegenueberliegt und zwischen den beiden Enden ein Hubraum bleibt.

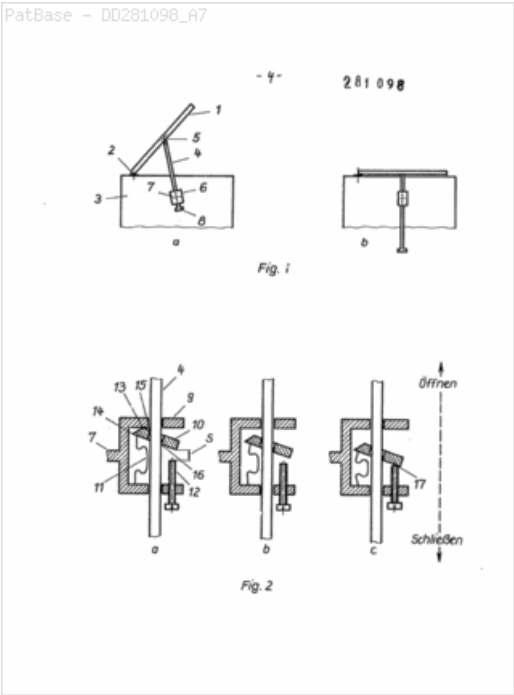
Machine translation: [Source: claim 1] 1 device to keep open lids and doors in any intermediate position, characterised in that the holding device from a suitable place in known way swivel attached guide part (9), a running in two holes on opposite

walls of the part of the guide rod (4), which passes through an suspension link (10), so measure whose hole is, it is with the great inward chamfered edge as Pan edge (13) on the upper wall of the leadership part (9) diagonally, while the upper inner edge (15) and the lower inner edge (16) of the hole on the rod (4) are, and there is a leaf spring (11), that is, between the bottom edge of the chamfered end of the inhibition of limb (10) and the lower wall of the leadership part (9), as well as a stop screw (12) in the lower wall of the guide rod (9), where the end of the stop screw gegenueberliegt exactly the outward and inclined downwards best end of the inhibition of limb (10) and a displacement remains between the two ends.

Classifications:

International (IPC 8-9): E05C17/28 E05D7/086 (Advanced/Invention); E05C17/00 E05D7/08 (Core/Invention)

International (IPC 1-7): E05C17/28 E05D7/086



Family:

Publication number	Publication date	Application number	Application date
DD281098 A7	19900801	DD19870310514	19871216

Priority:

DD19870310514 19871216

Probable Assignee: GEOPHYSIKALISCHER GERAETEBAU V
Assignee(s): (std): GEOPHYSIKALISCHER GERAETEBAU V
Assignee(s): VEB GEOPHYSIKALISCHER GERAETEBAU DD
Inventor(s): (std): WERNER FRANK
Inventor(s): WERNER FRANK DD

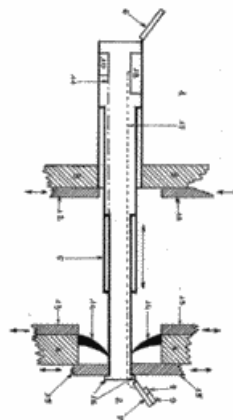
336) Family number: 3543862 (FR2354217A) © PatBase

Title: SECURITY EQUIPMENT FOR TRANSFER OF VALUABLES - HAS TELESCOPIC TUBE, CONNECTING BANK TO TRANSPORTING VEHICLE, WHICH IS CABLE OPERATED AND SCANNED BY TELEVISION

Abstract: Security equipment for the transfer of valuables etc. from premises to a conveying vehicle. It consists of a tubular arrangement to avoid the risk of arm snatches when being moved from a building (2) to a vehicle (1). The tube can be one of several types. The wall (3) or armoured side (4) of the vehicle are both substantial. The tube (5) can be telescopic and has a rear door (6) and a front door (7). The front door has a television camera (8) and signalling equipment (9) of tube movement. There is a propulsion source (10) for the tube with rodding (11) and shutters (12, 13) protecting the male and female tubes at rest. Actuation is by cable (17) and winder (18).

Classifications:

International (IPC 8-9): B60P3/03 (Advanced/Invention); E05G7/00 (Advanced/Non-invention); B60P3/00 (Core/Invention); E05G7/00 (Core/Non-invention)
International (IPC 1-7): B60P9/00 B65G11/00 E06B9/02 G06F5/00
CPC: B60P3/03 E05G7/00
European: B60P3/03 P05G7/00

**Family:**

Publication number	Publication date	Application number	Application date
FR2354217 A1	19780106	FR19760017481	19760608

Priority:

FR19760017481 19760608

Probable Assignee:

MONTEAU GUY

Assignee(s): (std):

MONTEAU GUY

337) Family number: 57426866 (US2014277709A)

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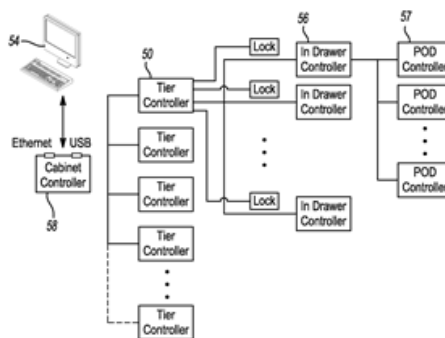
Title: MEDICATION STORAGE AND DISPENSING APPARATUS HAVING LINEAR DRAWER ASSEMBLY INCLUDING DISCRETE STORAGE MODULES

Abstract: A medication storage and dispensing workstation for use in a medication management system administering the inventory and distribution of pharmaceuticals and medical supplies in a healthcare environment is disclosed. The workstation incorporates a linear drawer assembly having a plurality of discrete, removable, storage modules for containing medications and/or other medical supplies. The storage modules are arranged in a linear array extending longitudinally along the travel path of the linear drawer assembly. Each storage module, in turn, comprises a drawer that is extensible laterally relative to the linear arrangement of the storage modules. As such, the drawer assemblies comprise a compartmentalized "drawer-in-drawer" arrangement that provides an efficient use of storage space and enables a user to utilize the workstation in a workspace having a smaller footprint than traditional storage cabinet apparatus.

Classifications:

International (IPC 8-9): A47B67/02 A47B81/00 E05B65/00
G05B15/02 G06F19/00 G07F11/00 G07F17/00 (Advanced/Invention)
CPC: G07F11/002 G06F19/3462 G07F17/0092 G05B15/02 A47B81/00
A47B67/02 E05B65/00 G07F11/62
US: 1/1 312/209 700/241

PatBase - US2014277709_AA

**Family:**

Publication number	Publication date	Application number	Application date
US2014277709 AA	20140918	US20130837164	20130315
US2015317456 AA	20151105	US20150796085	20150710
US9081887 BB	20150714	US20130837164	20130315
US9626484 BB	20170418	US20150796085	20150710

Priority:

US20130837164 20130315 US20150796085 20150710

Probable Assignee: TOUCHPOINT MEDICAL INC**Assignee(s):** (std): INTERMETRO CORP ; TOUCHPOINT MEDICAL INC**Assignee(s):** INTERMETRO IND CORP**Inventor(s):** (std): OLSON JEFFREY C ; PRICKETT PAUL ; WILLIAMS TOBIN H ; KILGALLON JAMES LEO ; SWEENEY

Agent(s):

HARNESS DICKEY AND PIERCE PLC; RATNERPRESTIA

338) Family number: 29905871 (US2003230030A)

© PatBase

Title: STOP DEVICE FOR SLIDING CLOSURES INCLUDING AN ALARM MEANS AND OPTIONAL INTERCHANGEABLE SAFETY FEATURES

Abstract: A stop device that is useable with substantially any closure having a sliding panel movable with respect to a frame. The device being novel as it is not only very functional as a stop device but it also includes interchangeable removably attached safety accessories, such as burglar alarm and/or a smoke detector or the like. Also, each of the safety accessories can be disguised within a housing for aesthetic purposes, such as each may look like a toy, a flower, a cartoon character, etc.

Classifications:

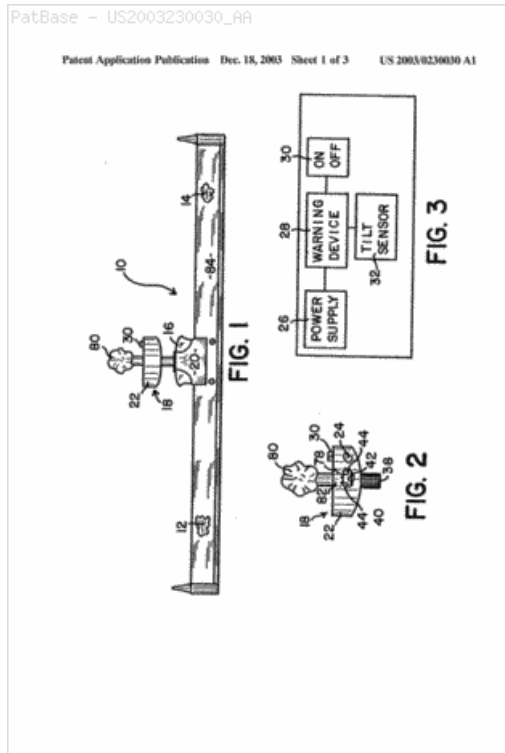
International (IPC 8-9): E05B65/08 E05F5/00 (Advanced/Invention);
E05B45/06 (Advanced/Non-invention);
E05B65/08 E05F5/00 (Core/Invention);
E05B45/00 (Core/Non-invention)

International (IPC 1-7): E05F1/00

CPC: E05B65/0888 E05B45/06 E05F5/003 E05Y2400/82

European: E05B65/08G E05F5/00A P05B45/06

US: 49/449

**Family:**

Publication number	Publication date	Application number	Application date
US2003230030 AA	20031218	US20020170295	20020612

Priority:

US20020170295 20020612

Probable Assignee: CARWIN EDWARD A**Assignee(s):** (std): CARWIN EDWARD A ; SANTA CRUZ CATHY D**Inventor(s):** (std): CARWIN EDWARD A ; SANTA CRUZ CATHY D**339) Family number: 31424876** (WO04114234A1)

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Title: STORAGE MACHINE FOR ARTICLES

Abstract: The invention relates to a storage machine (1) for articles which comprises a plurality of compartments which are open to one side and which are configured on a rotatably mounted rotary magazine (10) that is at least partially surrounded by a housing (21) or any other delimitation. The storage machine further comprises at least one closing element (13), adjustable relative to a predefined center access opening (22) in the housing (21) and controlling, especially releasing or preventing, access to defined or individual compartments. The closing element (13) comprises at least one closing shutter that is mounted in such a manner as to be adjustable relative to the access opening (22) or the housing (21), and openings that are predefined in terms of size and/or height position and that are at least approximately adapted to the respective compartment openings and/or compartment height positions, and at least one door (15) that is mounted upstream of the compartments with respect to the direction of access or depth. Said door optionally releases or prevents access to the closing shutter or to a compartment positioned behind an opening.

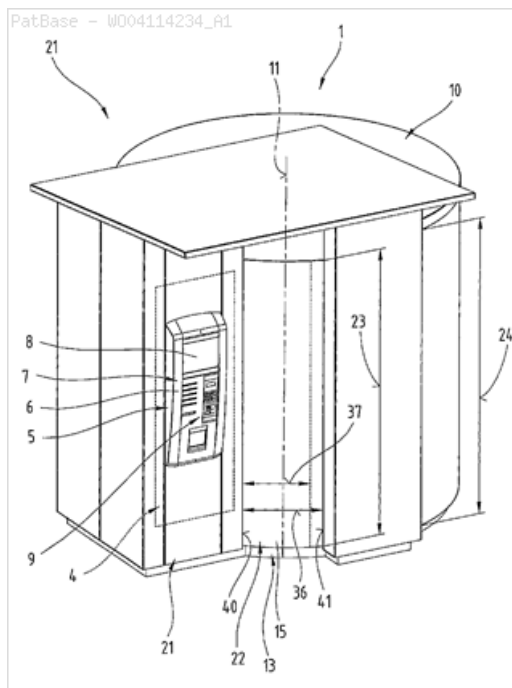
Classifications:

International (IPC 8-9): E05G1/06 G07F11/54 G07F11/56 G07F17/10
G07F17/12 (Advanced/Invention)

International (IPC 1-7): E05G1/06 G07F11/54 G07F11/56 G07F17/10
G07F17/12

CPC: E05G1/06 G07F11/54 G07F17/12

European: E05G1/06 G07F11/54 G07F17/12



Family:

Publication number	Publication date	Application number	Application date
AT401635 E	20080815	AT20040733511T	20040518
AT500112 A1	20051015	AT20030000957	20030620
AT500112 B1	20060315	AT20030000957	20030620
AT500112 B8	20070215	AT20030000957	20030620
DE502004007617 D1	20080828	DE200450007617T	20040518
EP1636770 A1	20060322	EP20040733511	20040518
EP1636770 B1	20080716	EP20040733511	20040518
WO04114234 A1	20041229	WO2004AT00174	20040518

Priority:

AT20030000957 20030620 WO2004AT00174 20040518

Probable Assignee: KEBA AG

Assignee(s): (std): KEBA AG ; PERNDORFER FRANZ ; SCHEBA FRANZ

Inventor(s): (std): PERNDORFER FRANZ ; SCHEBA FRANZ

Agent(s): SECKLEHNER GUENTER

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 KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

340) Family number: 51788876 (EP2492422B1)

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Title: MECHANISM FOR LOCKING A HATCH AND WASTE-COLLECTION CONTAINER PROVIDED WITH A HATCH THAT CAN BE LOCKED BY MEANS OF SUCH A MECHANISM MECANISME DE VERROUILLAGE D'UNE TRAPPE ET CONTENEUR DE COLLECTE DE DECHETS POURVU D'UNE TRAPPE VERROUILLABLE AU MOYEN D'UN TEL MECANISME

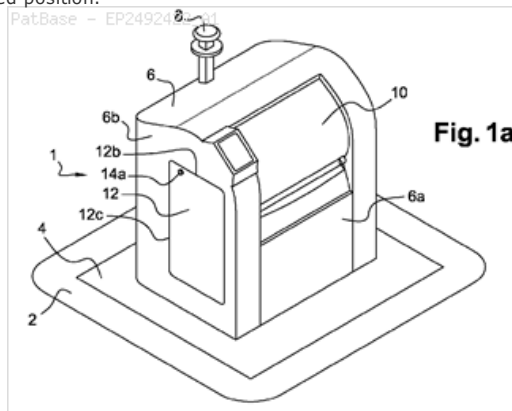
Abstract: The mechanism has a key lock (14a) for achieving locked position in which a locking bolt opposes an opening of a flap panel (12) and an unlocked position, where the bolt authorizes the opening of the panel in the unlocked position. A retaining unit formed of retaining element and elastic return unit i.e. elastic compression spring, prevents the lock to return to the locked position. An activation unit formed of tooth and inclined ramp activates the retaining unit during the opening of the panel and deactivates the retaining unit when the panel is in closed position.

Classifications:

International (IPC 8-9): B65F1/14 B65F1/16 E05B11/02 E05B63/18 E05B65/00 E05C3/04 (Advanced/Invention)

CPC: B65F1/1615 E05B63/185 E05C3/041

European: B65F1/16C E05B63/18B E05C3/04B



Family:

Publication number	Publication date	Application number	Application date
DE602012027012 D1	20170216	DE201260027012T	20120228
EP2492422 A1	20120829	EP20120157390	20120228
EP2492422 B1	20161228	EP20120157390	20120228
FR2972018 A1	20120831	FR20110051622	20110228
FR2972018 B1	20140314	FR20110051622	20110228

Priority:

FR20110051622 20110228 EP20120157390 20120228

Probable Assignee: PLASTIC OMNIUM CIE

Assignee(s): (std): PLASTIC OMNIUM CIE

Assignee(s): PLASTIC OMNIUM COMP ; COMPAGNIE PLASTIC OMNIUM

Inventor(s): (std): PETRI JEAN PIERRE ; BOUGUEDRA DAVID

Inventor(s): JEAN PIERRE PETRI ; DAVID BOUGUEDRA

Agent(s): MAIWALD PATENTANWALTS U RECHTSANWALTSGESELLSCHAFT MBH; DESCAZEUX CHARLES; CABINET LHERMET LA BIGNE AND REMY

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

341) Family number: 31796881 (US2006081019A)

© PatBase

Title: SECURITY SEAL FOR CARGO CONTAINERS

Abstract: The security seal for cargo containers and freight trailers which has a gas cartridge which supplies gas through a two position valve when it is opened and onto a two way valve which in the activated position supplies gas under pressure to a pressure hose looped around the locking bar or bars of a container or trailer. This gas pressure hose holds the two way valve in the activated position so that gas is supplied to the pressure hose. If the pressure hose is broken or disconnected, pressure means move the two way valve to the security breached position allowing gas to go into an ink reservoir which releases the ink onto the container leaving a permanent identified mark. The two position valve can be deactivated by means to move the valve. This valve can be moved into the deactivated position by a magnet. This security seal can also be deactivated by supplying gas under pressure from an external source to hold the two way valve in the activated position which will allow the pressure hose to be disconnected.

Classifications:

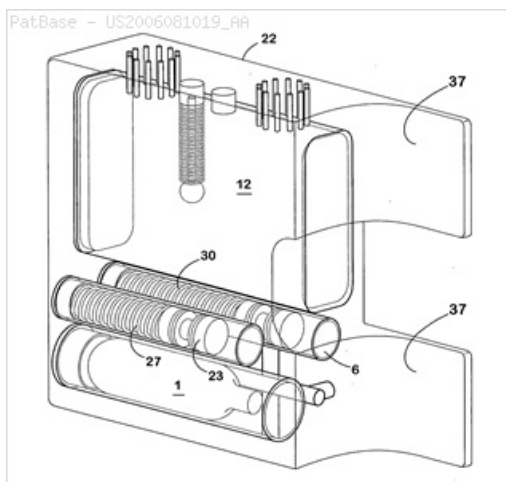
International (IPC 8-9): B65D27/30 E05B E05B39/00 E05B45/00 E05B65/00 G08B G08B13/08 G09F G09F3/03 (Advanced/Invention); B65D27/12 E05B39/00 E05B45/00 E05B65/00 G08B13/02 G09F3/03 (Core/Invention); E05B G08B G09F (Subclass/Invention)

International (IPC 1-7): E05B45/00 G08B13/08 G09F3/03

CPC: Y10T70/5004 Y10T70/5031 Y10T70/8216 Y10T292/48 G09F3/0305 G08B13/08 G09F3/0376

European: G08B13/08 G09F3/03A G09F3/03B

US: 292/307.00R 292/307R 70/439 70/439S 70/57.1 70/57.100P 70/63 70/63S



Family:

Publication number	Publication date	Application number	Application date
CN100474357 C	20090401	CN200480034042	20040927
CN1882972 A	20061220	CN200480034042	20040927
HK1101725 A1	20091211	HK20070106214	20070611
HK1101725 A1	20071026	HK20070106214	20070611
HK1101725 A3	20071026	HK20070106214	20070611
HK1101725 B	20091211	HK20070106214	20070611
US2006081019 AA	20060420	US20040950741	20040927
US7229107 BB	20070612	US20040950741	20040927
WO05031680 A1	20050407	WO2004EP10878	20040927

Priority:

US20030506106P 20030925 US20040950741 20040927 WO2004EP10878 20040927

Probable Assignee: MIRAFIN A G

Assignee(s): (std): KUCKERTZ JENS ; MIRAFIN A G

Assignee(s): MIRAFIN AG

Inventor(s): (std): JENS KUCKERTZ ; KUCKERTZ JENS

Agent(s): CHINA PATENT AGENT HK LTD; THOMAS KAYDEN HORSTEMEYER AND RISLEY LLP; HAROLD L; JAMES W; SCOTT A

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 KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Title: TAMPER-RESISTANT SECURITY LOCK FOR CARGO CONTAINER DOORS

Abstract: A tamper-resistant security lock assembly for use on lockrods of cargo container doors to prevent unauthorized opening of the doors. The lock assembly includes a pair of adjustably telescopically interengaged hasps with hook configurations on opposite ends adapted to connect with the lockrods in spanning relationship to a door opening and prevent opening of the door. A plurality of openings are formed through the hasps in positions to be in registry with one another when the hasps are appropriately adjusted relative to one another, for receiving a staple and padlock to lock the hasps against relative movement. According to one feature of the invention, the openings in one hasp are spaced differently than the openings in the other hasp, whereby smaller increments of adjustment can be obtained than if the openings were all spaced the same. In accordance with another feature of the invention, an elongate guard is carried on one end of one of the hasps in position to overlie and prevent operation of the lock arm connected with a lockrod. Preferably, the staple is connected to the hasp through a pivotal support that is designed to fail before failure of the staple itself whenever an effort is made to pry or break the staple or lock, and the guard is connected to the hasp through a connection designed to fail before damage occurs to the hasps, thereby maintaining the hasps in operative condition whenever an attempt is made to break the lock assembly.

Classifications:

International (IPC 8-9): E05B67/38 E05C19/18 (Advanced/Invention); E05B65/16 E05C7/04 (Advanced/Non-invention);

E05B67/00 E05C19/00 (Core/Invention);

E05B65/12 E05C7/00 (Core/Non-invention)

International (IPC 1-7): B65D45/16

CPC: Y10S70/65 E05C19/186 E05B67/38 E05B67/383 E05B83/10

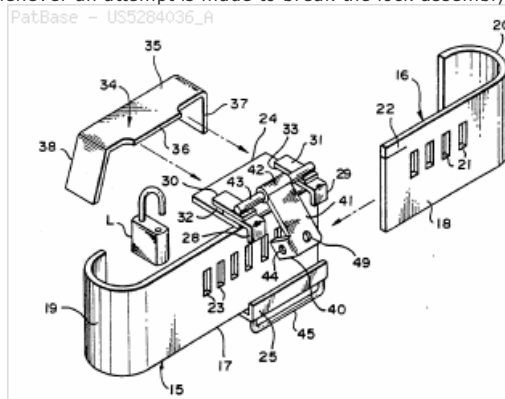
E05C7/04 Y10T70/40 Y10T70/498 Y10T70/5726 Y10T70/5779

Y10T292/1049 Y10T292/228

European: E05B67/38 E05C19/18C P05B67/38B P05B83/10

P05C7/04

US: 292/218 292/258 70/14 70/200 70/212 70/56 70/DIG.65

**Family:**

Publication number	Publication date	Application number	Application date
US5284036 A	19940208	US19920984378	19921202

Priority:

US19920984378 19921202

Probable Assignee:

ROSENBAUM NATHAN B

Assignee(s): (std):

ROSENBAUM NATHAN B

Inventor(s): (std):

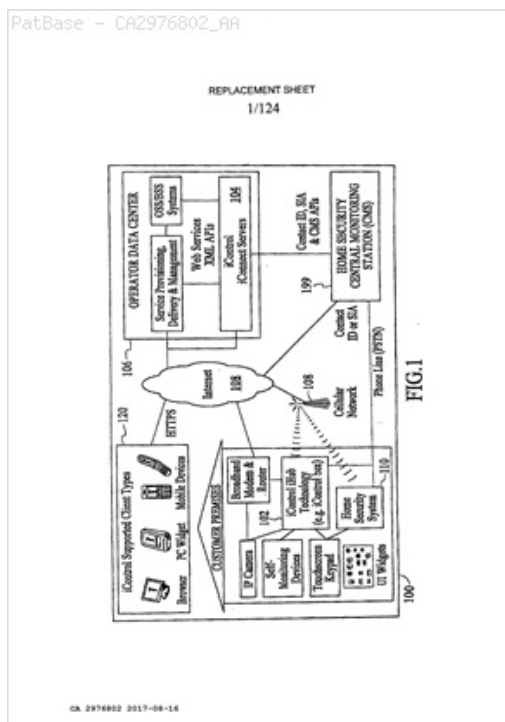
ROSENBAUM NATHAN B

Title: AUTOMATION SYSTEM USER INTERFACE

Abstract: Systems and methods include an automation network comprising a gateway at a premises. The gateway is coupled to a remote network and is configured to control components at the premises including at least one of a thermostat and a lock. A sensor user interface (SUI) is coupled to the gateway and presented to a user via remote client devices. The SUI includes display elements for managing and receiving data of the components agnostically across the remote client devices. The display elements include an interactive icon comprising control regions. Each control region is configured to control a state change of a corresponding component.

Classifications:

International (IPC 8-9): E05B51/00 G05B19/042 G05D23/19 G08B13/00 (Advanced/Invention)

**Family:**

Publication number	Publication date	Application number	Application date
CA2976802 AA	20180217	CA20172976802	20170816

Priority:

US20160238864 20160817

Probable Assignee: ICONTROL NETWORKS INC

Assignee(s): (std): ICONTROL NETWORKS INC

Assignee(s): NISHIOKA SUGURU ; SUNDERMEYER KEN ; DAWES PAUL ; FULKER JIM

Inventor(s): (std): DAWES PAUL ; FULKER JIM ; NISHIOKA SUGURU ; SUNDERMEYER KEN

Agent(s): GOWLING WLG CANADA LLP

344) Family number: 30396896 (US2004055345A)

© PatBase

Title: DOOR LOCK SYSTEM FOR TRAILERS AND CARGO CONTAINERS

Abstract: The door lock system for trailers and cargo containers comprises a linear actuator releasably mounted on a back plate member to slidably engage a sliding bolt with a receptor on a tubular frame member of the trailer or cargo container to prevent the opening of the trailer or cargo container doors. A controller unit has an integrated circuit configured to control the operation of the linear actuator and report the status of the door to a central location. A position switch is used to indicate whether the door is open or closed so that the controller unit can automatically engage the locking mechanism to lock the door as soon as it is closed. A keypad allows a user to enter a code to unlock the door. A radio in the controller unit permits wireless communication to report status and to allow central command control over the doors.

Classifications:

International (IPC 8-9): B60R25/00 B65D90/00 B65D90/02

E05B47/00 E05B47/02 E05B65/14 (Advanced/Invention);

E05B47/00 E05B65/00 G07C9/00 (Advanced/Non-invention);

B60R25/00 B65D90/00 B65D90/02 E05B47/00 E05B47/02

E05B65/12 (Core/Invention);

E05B47/00 E05B65/00 G07C9/00 (Core/Non-invention)

International (IPC 1-7): B60R25/04 B60T13/00 E05B47/00 E05B65/12

CPC: Y10S292/65 E05B39/005 B65D2590/0083 E05B2047/0023

E05B47/026 B60R25/23 B60R25/24 B60R2325/205 B65D90/008

B65D90/021 B65D2211/00 E05B47/0012 E05B65/0021 E05B81/70

E05B83/02 E05B2047/0016 E05B2047/0057 E05B2047/0094

G07C9/0069 G07C2009/0092 B60R2325/101 E05B81/28 E05B81/40

E05B81/58 E05B81/82 Y10T70/5978 Y10T70/7124 Y10T70/5159

Y10T70/5367 Y10T70/7113 Y10T70/8027 Y10T70/8946

Y10T292/0822 Y10T292/0908 Y10T292/1021 Y10T292/1033

European: B60R25/23 B60R25/24 B65D90/00F B65D90/02A

E05B47/02 E05B47/02R E05B83/02 L60R325/10B L60R325/20D

L65D211/00 L65D590/00K P05B47/00A4 P05B47/00A5C1

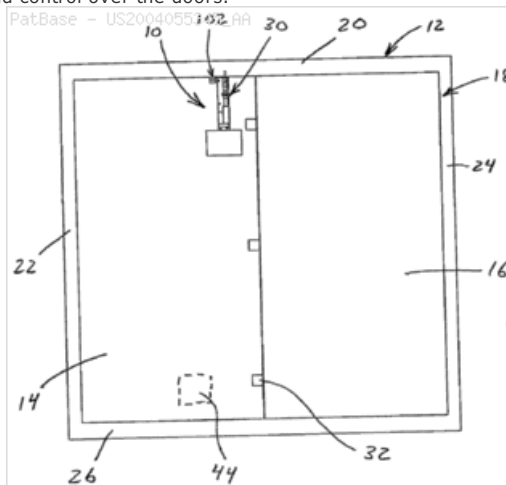
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P05B47/00R P05B65/00G P05B81/28 P05B81/40 S07C9/00E12C4

S07C9/00E20D

US: 292/144 292/155 292/21 292/92 292/DIG.65 303/7 303/7P

70/140 70/257 70/257P 70/280 70/282 70/282S 70/432 70/465 70/92



Family:

Publication number	Publication date	Application number	Application date
US2004055345 AA	20040325	US20030671187	20030924
US2005062344 AA	20050324	US20030690256	20031020
US7484391 BA	20090203	US20050155456	20050618

Priority:

US20020413503P 20020924

US20030671187 20030924

US20030690256 20031020

US20050155456 20050618

Probable Assignee: MOORE GREGORY B

Assignee(s): (std): MOORE GREGORY B

Assignee(s): HOLT JOHN P

Inventor(s): (std): MOORE GREGORY B ; HOLT JOHN P

Inventor(s): HOLT JOHN ; MOORE GREGORY

Agent(s): RICHARD A RYAN RYAN AND ENGNATH; TOWER LEE W

345) Family number: 49742909 (US2013033045A)

© PatBase

Title: SHOCK RESISTANT LOCK

Abstract: A lock assembly (30, 30') is provided that includes a housing (32), a rotary bolt (36) or a translating bolt (36'), and a bolt blocker (38) that moves between a blocking position blocking movement of the bolts (36, 36') and an unblocking position permitting the bolts (36, 36') to move to a retracted position. The lock assemblies (30, 30') are resistant to shocks being applied to the locks assemblies (30, 30') in an effort to open the lock assemblies (30, 30') without authorization.

Classifications:

International (IPC 8-9): E05B E05B17/20 E05B47/00 E05B47/02

E05B47/06 E05B65/00 E05B65/02 E05B65/44 E05C19/00 E05C3/06

E05C9/02 (Advanced/Invention);

E05B17/20 E05B47/00 E05C3/00 (Advanced/Non-invention);

E05B (Subclass/Invention)

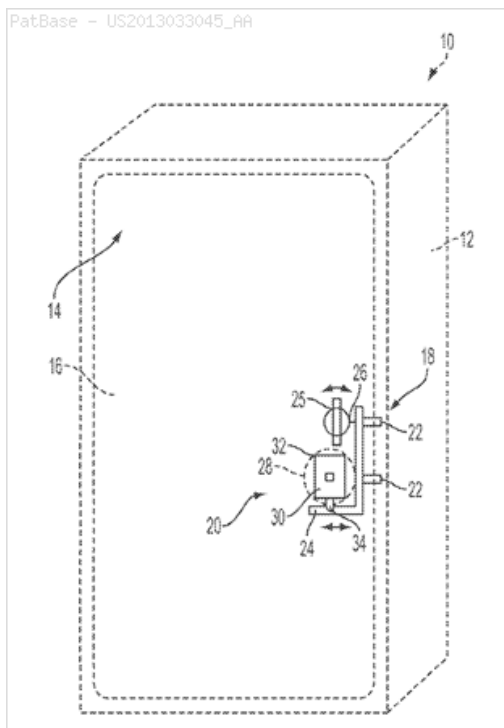
CPC: E05B47/06 E05B17/2034 E05B17/2038 E05B47/0012

E05B65/0075 E05B2047/0023 Y10T292/08 Y10T292/0803 E05B47/02

E05B47/023 E05B65/44

European: E05B47/06 E05B65/00S P05B17/20D21R

P05B17/20D21S P05B47/00A4 P05B47/00A5D3

**Family:**

Publication number	Publication date	Application number	Application date
AU2011237429 AA	20111013	AU20110237429	20110407
AU2011237429 BB	20150312	AU20110237429	20110407
BR112012025749 A2	20170829	BR20121125749	20110407
CA2794571 AA	20111013	CA20112794571	20110407
CA2794571 C	20170815	CA20112794571	20110407
CN102959166 A	20130306	CN201180018364	20110407
CN102959166 B	20160302	CN201180018364	20110407
CN105735770 A	20160706	CN201610069651	20110407
EP2556203 A1	20130213	EP20110766751	20110407
EP2556203 A4	20170104	EP20110766751	20110407
HK1182156 A1	20170505	HK20130109525	20130815
HK1182156 A1	20131122	HK20130109525	20130815
HK1182156 B	20170505	HK20130109525	20130815
IN08596DN2012 A	20140328	IN2012DN08596	20121003
JP2013524057 T2	20130617	JP20130503961T	20110407
JP5925761 B2	20160525	JP20130503961T	20110407
KR101556437 B1	20151001	KR20127029081	20110407
KR20120140255 A	20121228	KR20127029081	20110407
MX2012011653 A1	20121129	MX20120011653	20110407
MX336484 B	20160121	MX20120011653	20110407
US2013033045 AA	20130207	US20110639654	20110407
US9845618 BB	20171219	US20110639654	20110407
WO11127310 A1	20111013	WO2011US31620	20110407
WO11127310 A9	20111222	WO2011US31620	20110407

Priority:

US20100321619P 20100407 CN201180018364 20110407 US20110639654 20110407
 WO2011US31620 20110407

Probable Assignee: SARGENT AND GREENLEAF INC

Assignee(s): (std): CHRISTOPHERSON DAVID G ; CLARK MICHAEL R ; SARGENT AND GREENLEAF ; WORM STEVEN L ; SERGEANT AND GREENLEAF INC

Assignee(s): SARGENT GREENLEAF INC ; SARGENT AND GREENLEAF INC ; FORTHRIGHT ENGINEERING PLLC ; LBC CREDIT AGENCY SERVICES LLC AGENT AS

Inventor(s): (std): CHRISTOPHERSON DAVID G G ; CLARK MICHAEL R R ; WORM STEVEN L L ; WORM STEVEN L ; CLARK MICHAEL R ; CHRISTOPHERSON DAVID G

Inventor(s): DAVID G CHRISTOPHERSON ; MICHAEL R CLARK ; STEVEN L WORM

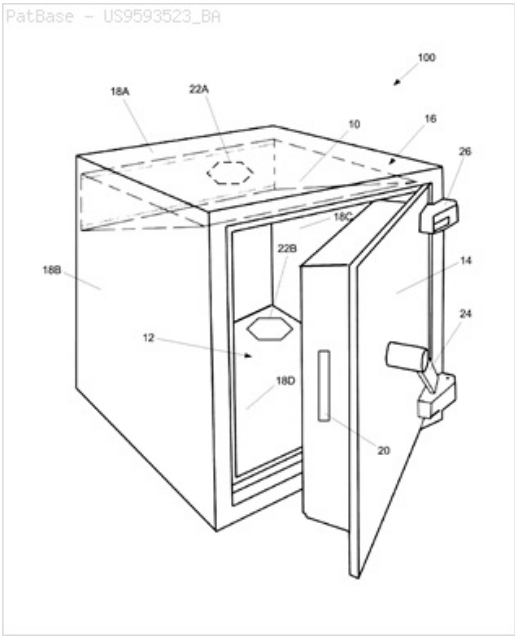
Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; MACRAE AND CO; RACKETTE Partnerschaft Patentanwälte; GE BO; ISSHIKI AND CO; CAEDEN; ADAN; HEDGES NORMAN J

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

Abstract: A system and method for mitigating theft from a container includes a container having a plurality of walls defining a first volume and an anti-theft mitigation device having a plurality of walls defining a second volume. A fastening mechanism is attached to the anti-theft mitigation device such that the anti-theft mitigation device may be coupled to the container by the fastening mechanism. The second volume of the anti-theft mitigation device is substantially smaller than the first volume of the container. The anti-theft mitigation device may be positioned within the first volume and may appear to define a portion of the first volume of the container. The fastening mechanism may comprise at least one of a magnet, a hook and loop fastener, a screw, a nail, a rivet, a snap, a mating protuberance, a channel-containing structure, a mating male or female mechanical structure.

Classifications:

International (IPC 8-9): A47B81/00 A47B88/22 E05B73/00 E05G1/02 E05G1/06 E05G1/14 (Advanced/Invention)
CPC: E05G1/14 A47B81/00 E05B73/00 E05G1/02 E05G1/06 E05B47/0038 E05B65/0075



Family:

Publication number	Publication date	Application number	Application date
US9593523 BA	20170314	US20140474208	20140901

Priority:

US20130872235P 20130830 US20140474208 20140901

Probable Assignee:

SECOND SAFE LLC

Assignee(s): (std):

SECOND SAFE LLC

Inventor(s): (std):

LOCKHART BENJAMIN ; TRIMBLE KEVIN T

Agent(s):

SMITH TEMPEL; STEVEN P

347) Family number: 55359913 (DE102012105084A1)

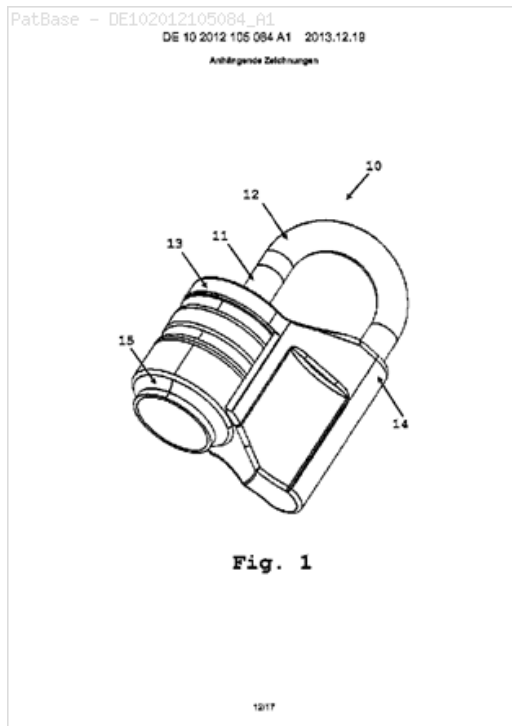
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Title: MECHANICAL SECURING DEVICE FOR PROTECTING OBJECTS, HAS RECESS FOR INSERTION OF BACKED LOCKING BOLT, WHERE ANNULAR DESIGN IS SELECTED INTO GROOVE AND MECHANICAL PERMUTATION WITH MECHANICAL LOCKING MECHANISM FOR SECURE ACTUATION OF MECHANISM

Abstract: The mechanical securing device (10) comprises a recess (21) that stretches longitudinally in a primary longitudinal direction for the insertion of a backed locking bolt (11). A mechanical locking mechanism has two pivoted block arrangements formed by a blocking element for selective engagement of annular design into groove (14) of the locking bolt around a primary rotating axis to secure the locking bolt with recess of a fixed rotating position. The mechanical permutation lock is actively coupled with the mechanical locking mechanism for the secure actuation of the mechanism.

Classifications:

International (IPC 8-9): E05B37/14 E05B67/36 (Advanced/Invention)
CPC: E05B37/10 E05B67/22 E05B67/36



Family:

Publication number	Publication date	Application number	Application date
DE102012105084 A1	20131219	DE201210105084	20120613

Priority:

DE201210105084 20120613

Probable Assignee: BSS BAUMANN SICHERHEITSSYSTEME GMBH

Assignee(s): (std): BSS BAUMANN SICHERHEITSSYSTEME GMBH

Inventor(s): (std): KUTTRUFF MARKUS ; SIRAKY JOSEF

348) Family number: 5425915 (EP0115365A2)

© PatBase

Title: Safe deposit locker installations.

Abstract: In a safe deposit locker installation comprising an array of individual safe deposit lockers (1) disposed in adjacent vertical rows (R1 - R10) vertical penetration-resistant bars (2) are borne externally of the lockers for horizontal sliding movement (or pivotal movement - Figure 3 not shown) immediately in front of the lockers (1). Each bar (2) can be locked in place in front of a respective row of lockers so as to block the doors (21) of the lockers in that row from opening, and the bars (2) can be displaced one at a time to unblock the respective row (eg R5) without disturbing the other locked bars.

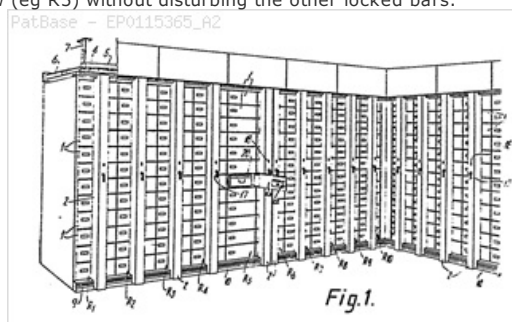
Classifications:

International (IPC 8-9): E05G1/06 E05G1/08 (Advanced/Invention); E05G1/00 (Core/Invention)

International (IPC 1-7): E05G1/06

CPC: E05G1/08

European: E05G1/08



Family:

Publication number	Publication date	Application number	Application date
AT33695 E	19880515	AT19840200079T	19840123
DE3470579 D1	19880526	DE19843470579	19840123
EP0115365 A2	19840808	EP19840200079	19840123
EP0115365 A3	19850619	EP19840200079	19840123
EP0115365 B1	19880420	EP19840200079	19840123
IT1161562 A	19870318	IT19830019301	19830127
IT8319301 A0	19830127	IT19830019301	19830127
NZ206936 A	19860711	NZ19840206936	19840125

Priority:

IT19830019301 19830127 EP19840200079 19840123

Probable Assignee: LIPS VAGO SPA

Assignee(s): (std): LIPS VAGO SPA

Assignee(s): LIPS VAGO S P A ; LIPS VAGO SOCIETA PER AZIONI

Inventor(s): (std): PARISI CORRADO MARCELLO ; PEGHETTI FERRUCCIO GIORGIO ; PARISI C M
Inventor(s): FERRUCCIO GIORGIO PEGHETTI ; CORRADO MARCELLO PARISI
Designated states: AT BE CH DE FR GB IT LI LU NL SE

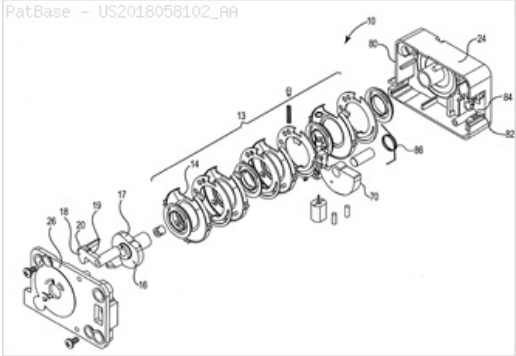
349) Family number: 63200918 (US2018058102A) © PatBase

Title: ELECTRONIC AND MECHANICAL COMBINATION LOCK

Abstract: A lock including a housing and an opening for receiving a locking bolt moveable between a locked position and an unlocked position is provided. The lock also includes a rotary actuator having a rotary output of a predetermined amount and responsive to entry of an electronic combination input by a user; a cam wheel operably coupled to the housing and responsive to a manual combination input of the user, the cam wheel including a cam way; a bolt release lever moveably coupled to the housing and including a nose portion engageable with the cam way and a locking bar; and an armature post responsive to both the rotary and manual inputs, the armature post moveable between a blocking position for blocking the locking bolt in the locked position and an unblocking position for allowing the locking bolt to move into the unlocked position.

Classifications:

International (IPC 8-9): E05B17/20 E05B37/00 E05B37/08
E05B47/00 E05B47/02 E05B47/04 E05B47/06 (Advanced/Invention);
E05B47/00 (Advanced/Non-invention)
International (IPC 1-7): E05B47/04
CPC: E05B37/0034 E05B37/08 E05B47/0005 E05B47/023
E05B2047/0085 E05B17/208 E05B47/0607



Family:

Publication number	Publication date	Application number	Application date
BR112017002128 A2	20181106	BR20171102128	20150217
CN106574468 A	20170419	CN201580023809	20150217
CN106574468 B	20190510	CN201580023809	20150217
EP3256671 A1	20171220	EP20150882245	20150217
EP3256671 A4	20181010	EP20150882245	20150217
US2018058102 AA	20180301	US20150549331	20150217
WO16130164 A1	20160818	WO2015US16129	20150217

Priority:

US20150088140P 20150209 US20150549331 20150217 WO2015US16129 20150217

Probable Assignee: MG TECHNICAL CENTER PTY CO IN NAME OF RAUCH TECH

Assignee(s): (std): GARTNER KLAUS W ; MG TECH CENTER H O D N LOCK TECH BV ; MG TECHNICAL CENTER PTY CO IN NAME OF RAUCH TECH

Assignee(s): MG TECHNICAL CENTER PTY CO IN NAME OF RAUCH TECHNOLOGY ; MG TECH CENTER H O D N LOCK TECHNOLOGY BV ; MG TECH CENTER HODN LOCK TECHNOLOGY BV

Inventor(s): (std): GARTNER KLAUS W ; KLAUS W GARTNER

Agent(s): BATES ALAN DOUGLAS HENRY; WRIGLEY BARBARA A

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

350) Family number: 58242921 (DE202014007890U1) © PatBase

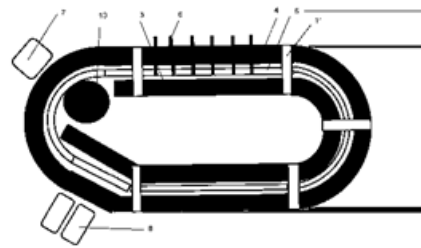
Title: VORRICHTUNG ZUR EINLAGERUNG, AUFBEWAHRUNG UND AUSGABE VON AUFHAENGBAREN UND/ODER EINHAENGBAREN SCHLUESSEL UND/ODER TASCHENFOERMIGEN BEHAELTNISSEN DEVICE FOR STORAGE, STORAGE AND ISSUE OF Suspended AND / OR suspendable KEY AND / OR TASCHENFOERMIGEN containers (Machine translation)

Abstract: Source: DE202014007890U1 [DE] Vorrichtung zur Einlagerung, Aufbewahrung und Ausgabe von aufhaengbaren und/oder einhaengbaren, mit Transponder oder mit anderen elektronischen, beruehrungslos auslesbaren Identifikationsmittel versehenen, SchluesSEL und/oder taschenfoermigen Behaeltnissen, bestehend aus einem oder mehreren uebereinander in einem Gehaeuse (1) angeordneten Modulen (2) dadurch gekennzeichnet, dass die Module (2) aus einer in einer horizontalen Ebene umlaufenden Traegerschiene (3) bestehen, an der eine umlaufenden Fuehrung (4) mit einem unteren Fuehrungsteil (12) und einem oberen Fuehrungsteil (13) befestigt ist, wobei eine umlaufende Kette (5) mit Aufnahmen (6) fuer die aufhaengbaren oder einhaengbaren Teile zwischen der Traegerschiene (3) und der umlaufenden Fuehrung (4) angeordnet ist und die Aufnahmen (6) im Spalt (16) zwischen dem unteren Fuehrungsteil (12) und dem oberen Fuehrungsteil (13) gefuehrt werden.

Machine translation: A device for warehousing, storage and dispensing of Suspended and / or suspendable, equipped with transponder or other electronic contactless readable identification means, keys and / or taschenfoermigen containers consisting of one or more by-side in a Gehaeuse (1) modules arranged (2), characterized in that the modules (2) consists of a revolving in a horizontal plane Traegerschiene (3) consist, on the one circumferential guide (4) having a lower Fuehrungsteil (12) and an upper Fuehrungsteil (13) is fixed, wherein a rotating chain (5) is arranged with receptacles (6) for the Suspended or be suspended parts between the Traegerschiene (3) and orbiting Leadership (4) and shots (6) in the gap (16) between the lower Fuehrungsteil (12) and the upper Fuehrungsteil (13) are performed.

Classifications:

International (IPC 8-9): A47G29/10 E05B19/00 (Advanced/Invention)
CPC: G07C2009/00936 G07C9/00896



872

Assignee(s): (std): AUTOMATION AND SOFTWARE GUENTHER TAUSCH GMBH

European: E05G1/08

EP 0 647 488 A1

PatBase PDF Export - Page: 275 04/06/2019

EP0547486 A1	19930623	EP19920120950	19921209
HU63909 A2	19931028	HU19920003982	19921216
HU9203982 A0	19930329	HU19920003982	19921216

Priority:

DE19910015604U 19911217

Probable Assignee: PETRATSCHEK INGO NORBERT 8500 NUERNBERG DE

Assignee(s): (std): PETRATSCHEK ; PETRATSCHEK INGO N ; PETRATSCHEK INGO NORBERT ; PETRATSCHEK INGO NORBERT DE

Assignee(s): PETRATSCHEK INGO NORBERT 8500 NUERNBERG DE ; PETRATSCHEK INGO N DE

Inventor(s): (std): PETRATSCHEK INGO NORBERT ; PETRATSCHEK INGO NORBERT DE ; PETRATSCHEK INGO N

Inventor(s): PETRATSCHEK INGO N DE

Designated states: AT BE CH DE FR GB LI LU NL

352) Family number: 56725928 (US2014165678A)

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Title: DEVICE AND METHODS FOR PREVENTING UNWANTED ACCESS TO A LOCKED ENCLOSURE

Abstract: A device for preventing unwanted opening of a locked enclosure includes a lock bolt moveable between a locked position and an unlocked position. A face gear is meshable with and rotatable by the worm gear between locking and unlocking positions when the worm gear is driven in the first and second directions, respectively. A blocker member is rotatable between first and second positions. A biasing member is operatively coupled to the face gear and the blocker member to bias the blocker member in a biasing direction. A sliding member selectively disengages the blocker member to allow the blocker member to rotate in the biasing direction. A lever arm is operatively coupled to the sliding member such that the lever arm is in the disengaged and engageable positions when the sliding member engages the blocker member in the first and second positions, respectively.

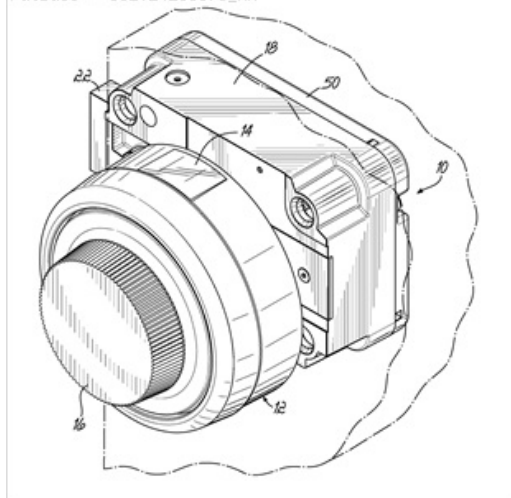
Classifications:

International (IPC 8-9): E05B15/00 E05B17/10 E05B17/20 E05B17/22 E05B37/00 E05B37/08 E05B41/00 E05B47/00 E05B47/06 E05B49/00 E05B65/00 E05C1/02 E05C1/06 G07C9/00 G7C9/00 (Advanced/Invention)

CPC: E05B15/00 E05B17/10 E05B47/0676 E05B47/0688 E05B49/00 E05B65/0075 E05B65/0082 E05B2047/0021 E05B2047/0031 G07C9/00666 E05B17/226 E05C1/02 E05B47/0012 E05B37/00 E05B2047/0069 Y10T70/7051 Y10T70/7062 Y10T70/7085 Y10T70/7107 Y10T70/7113

US: 1/1 70/1.5 70/275 70/277 70/278.4 70/279.1 70/280

PatBase - US2014165678_AA



Family:

Publication number	Publication date	Application number	Application date
CA2891799 AA	20150515	CA20132891799	20131218
EP2935732 A2	20151028	EP20130864463	20131218
EP2935732 A4	20161026	EP20130864463	20131218
JP2016505743 T2	20160225	JP20150549605T	20131218
JP2018066262 A2	20180426	JP20180000103	20180104
JP2019049197 A2	20190328	JP20180237244	20181219
JP6370308 B2	20180808	JP20150549605T	20131218
US2014165678 AA	20140619	US20130132117	20131218
US2015275550 AA	20151001	US20150739376	20150615
US2016326774 AA	20161110	US20160212618	20160718
US2018051481 AA	20180222	US20170798974	20171031
US2018051482 AA	20180222	US20170798985	20171031
US9080349 BB	20150714	US20130132117	20131218
US9816294 BB	20171114	US20150739376	20150615
US10190335 BB	20190129	US20160212618	20160718
WO14100115 A2	20140626	WO2013US75998	20131218
WO14100115 A3	20141002	WO2013US75998	20131218

Priority:

US20120739437P 20121219	JP20150549605T 20131218	JP20180000103 20131218
US20130132117 20131218	WO2013US75998 20131218	US20150739376 20150615
US20160212618 20160718	US20170798974 20171031	US20170798985 20171031
JP20180000103 20180104		

Probable Assignee: LOCK II LLC

Assignee(s): (std): LOCK II LLC ; LOCK II L L C

Assignee(s): MI MLITCH KENNETH H ; MILLER J CLAYTON ; JAMES JOHN H ; REDMON BENJAMIN T ; BURRUS CHRIS L ; COOKE DONALD P JR ; CRAYCRAFT BRIAN T ; DEHAVEN J GREGORY

Inventor(s): (std): JAMES JOHN H ; REDMON BENJAMIN T ; MILLER J CLAYTON ; MI MLITCH KENNETH H ; BURRUS CHRIS L ; CRAYCRAFT BRIAN T ; COOKE DONALD P JR ; DEHAVEN J GREGORY ; MILLER CLAYTON J ; DEHAVEN GREGORY J ; COOKE DONALD P JR ; DONALD P COOKE JR ; CLAYTON J MILLER ; BENJAMIN T REDMON ; KENNETH H MI MLITCH ; JOHN H JAMES ; GREGORY J DEHAVEN ; BRIAN T CRAYCRAFT ; CHRIS L

BURRUS

Inventor(s): COOKE DONALD P ; COOKE JR

Agent(s): MACRAE AND CO; FINDLAY ALICE ROSEMARY; WOOD HERRON AND EVANS LLP; ROONEY KEVIN G ET AL

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

353) Family number: 21537929 (DE616092A)

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Title: VERSCHLUSS FUER DREHTUEREN ODER KLAPPEN VON BEHAELTERN LOCK FOR OR FOLD hanging doors of containers (Machine translation)

Abstract: Source: DE616092A [DE] (Claim 1) 1. Zur besonderen Sicherung der Klappe in geschlossenem Zustande kann entweder die Welle c durch einfache Mittel gegen Drehen gesichert werden, oder es kann ein besonderer Handgriff angebracht werden, der das Scharniergelenk f beispielsweise durch Klemmen einseitig versteift PATENTANSPRUCH: Verschluss fuer Drehtueren oder Klappen von Behaeltern, insbesondere Kleinvieh- transportbehaeltern, wobei die Tuer vermit tels parallel achsiger Kurbeltriebe am Ge stell angelenkt ist, dadurch gekennzeichnet net, dass am Gestell (a) im Bereich des freien Tuerteiles (g) feste Anschlaege (h) angeordnet und derart ausgebildet sind, dass sie die Tuer (e) gegen Drehen sperren und das Ausschluelpfen der Tuer nur beim vollstaendigen Ausknicken der Kurbel triebe (c, d, f) ermoeglichen.

Machine translation: (claim 1) 1 Can be used for special security of the flap in the closed state of either the shaft c be secured by simple means against rotation, or it may be mounted a special handle that the hinge joint f, for example, by clamping on one side stiffened claim: closure for hanging doors or flaps of containers, in particular Small livestock transportbehaeltern, where the door convey means of parallel axle crank drives on Ge is hinged deputy, are characterized by the net to the frame (a) in the area of free Tuerteiles arranged (g) solid attacks (h) and in such a way that they door (s) from turning block and the hatching of the door only when you fully buckling of the crank gear (c, d, f) allow.

Classifications:

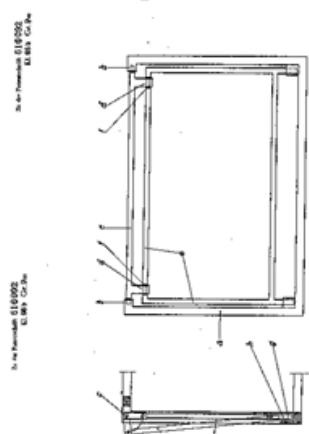
International (IPC 8-9): A01K1/02 E05D3/12 (Advanced/Invention); A01K1/02 E05D3/00 (Core/Invention)

International (IPC 1-7): A01K31/10

CPC: A01K1/0236

European: A01K1/02D

PatBase - DE616092_A



Family:

Publication number	Publication date	Application number	Application date
DE616092 A	19350719	DE19310019002D	19310416

Priority:

DE19310019002 19310416

Probable Assignee: ORENSTEIN AND KOPPEL AG

Assignee(s): (std): ORENSTEIN AND KOPPEL AG

Assignee(s): ORENSTEIN AND KOPPEL AKT GES

354) Family number: 74105933 (WO19077291A1)

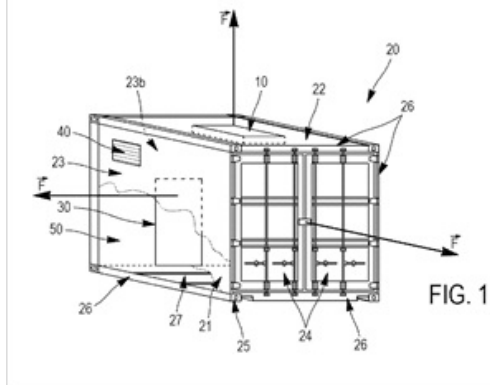
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Title: UNIT FOR TRANSPORTING, STORING AND/OR HANDLING A PYROTECHNIC PRODUCT

Abstract: The invention relates to an unit for transporting, storing and/or handling pyrotechnic products, the casing of which, which is designed to enclose said pyrotechnic products, comprises a decompression device (10). Such a decompression device (10) allows the integrity of the casing of said container to be preserved in the event of a spontaneous combustion of said pyrotechnic products.

Classifications:

International (IPC 8-9): B65D90/32 E05B65/10 F42B39/14 F42B39/20 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
FR3072771 A1	20190426	FR20170059939	20171020
WO19077291 A1	20190425	WO2018FR52628	20181022

Priority:

FR20170059939 20171020

Probable Assignee: CONSEIL ADR ET PYROTECHNIE SUD

Assignee(s): (std): CONSEIL ADR ET PYROTECHNIE SUD

Inventor(s): (std): HERNANDEZ THIERRY

Inventor(s): THIERRY HERNANDEZ

Agent(s): MEDINVENT CONSULTING; BRUN PHILIPPE

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 DJ 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 JO JP KE KG KH KM KN KP KR KW 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 QZ RA RS RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TH TJ TM TN TR TT TZ UA UB UG UZ VC VN ZA ZM ZW

355) Family number: 7848940 (DE3916079C1)

Title: Capacitive monitor for safe - is of insulated metal to form capacitance in series or parallel with switches assigned to lock and door

Abstract: The metal container to be monitored is installed on a foundation or base so that it is electrically insulated. The arrangement includes a capacitor mounted on the container and forming a capacitive voltage divider together with its capacitance relative to the ground, an a.c. voltage generator connected in parallel with the voltage divider, and a monitoring circuit connected to the dividing terminal of the capacitor above the container and corresp. to changes in the voltage level at the terminal when someone approaches the container, activates a warning light and an alarm signal. Any opening or closing of the door affects two switches and in turn also the voltage level. ADVANTAGE - Increased security, since position of door is " monitored.

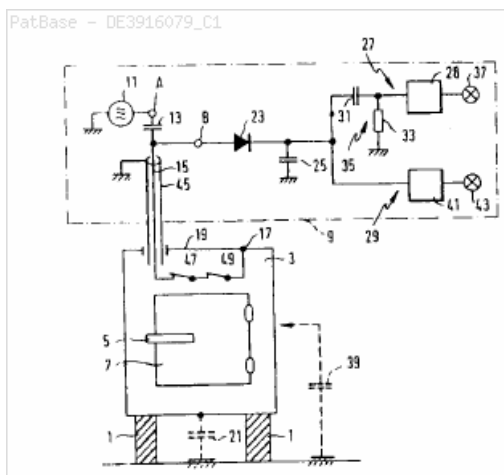
Classifications:

International (IPC 8-9): E05G1/10 G08B13/26 (Advanced/Invention);
E05G1/00 G08B13/22 (Core/Invention)

International (IPC 1-7): B65D55/00 E05B45/00 E05G1/10
G08B13/26

CPC: E05G1/10 G08B13/26

European: E05G1/10 G08B13/26



Family:

Publication number	Publication date	Application number	Application date
DE3916079 C1	19900809	DE19893916079	19890517

Priority:

DE19893916079 19890517

Probable Assignee: WACHTEL TECHNIK GMBH 7024 FILDERSTADT DE

Assignee(s): WACHTEL TECHNIK GMBH 7024 FILDERSTADT DE

Inventor(s): SCHLOEGL KURT 7024 FILDERSTADT DE

Title: VORRICHTUNG ZUR EINBRUCHSICHERUNG VON DREH-KIPP- UND KIPPENFENSTERN UND -TÜREN Apparatus for INTRUSION PROTECTION OF ROTARY-TILTING AND TILTING WINDOWS AND DOORS (Machine translation)

Abstract: Source: DE29507739U1 [DE] (Claim 1) 1. Vorrichtung zur Einbruchsicherung von Dreh-Kipp- und Kippfenstern und -türen, gekennzeichnet durch einen an der Unterseite des die Kippschwenkachse bildenden Fenster- bzw. Türholms (2) angeordneten Sicherungsriegel (3) und einen am Fenster- bzw. Türrahmen (4) angeordneten Riegelarm (5), wobei der Sicherungsriegel (3) und der Riegelarm (5) in der Verriegelungsstellung ineinandergreifen.

Machine translation: (Claim 1) 1 Device for burglary protection of a tilt-and-tween Kippfenstern und, marked on the bottom of the Kippschwenkachse forming windows or Türholms (2) mounted safety catch (3) and one in the window or door frames (4) arranged Riegelarm (5), the securing bolt (3) and die Riegelarm (5) mesh in the locked position.

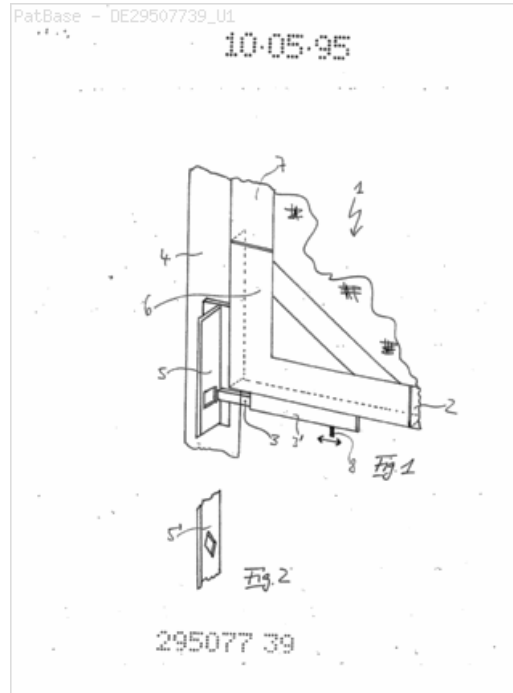
Classifications:

International (IPC 8-9): E05C1/04 E06B5/11 (Advanced/Invention); E05C1/00 E06B5/10 (Core/Invention)

International (IPC 1-7): E05C1/04 E06B5/11

CPC: E05C1/04 E06B5/11

European: E05C1/04 E06B5/11



Family:

Publication number	Publication date	Application number	Application date
DE29507739 U1	19950921	DE19952007739U	19950510

Priority:

DE19952007739U 19950510

Probable Assignee: BASINSKI DIETER

Assignee(s): (std): BASINSKI DIETER

Assignee(s): BASINSKI DIETER 44577 CASTROP RAUXEL DE

Title: CABLE LOCK AND METHOD

Abstract: Some embodiments of the cable lock according to the present invention provide a body defining a housing in which a cable can be received to lock the cable lock. In some embodiments, the cable is rotatable with respect to the housing when the cable lock is in a locked state, thereby increasing the difficulty of circumventing the lock. The cable lock can have a wall with an aperture shaped to complement the cross-sectional shape of the cable passed therethrough, an end wall that can be attached to the housing by rolling or crimping an edge of the housing over the end wall, and/or one or more visual indicators providing a manner by which tampering of the cable lock can be detected.

Classifications:

International (IPC 8-9): B65D55/02 B65D55/06 B65D90/00 E05C19/00 G09F3/03 (Advanced/Invention);

B65D33/34 (Advanced/Non-invention);

B65D55/02 B65D90/00 E05C19/00 G09F3/03 (Core/Invention);

B65D33/34 (Core/Non-invention)

International (IPC 1-7): B65D27/30 E05C19/00

CPC: Y10T24/3909 Y10T24/3976 Y10T24/3993 Y10T24/3998

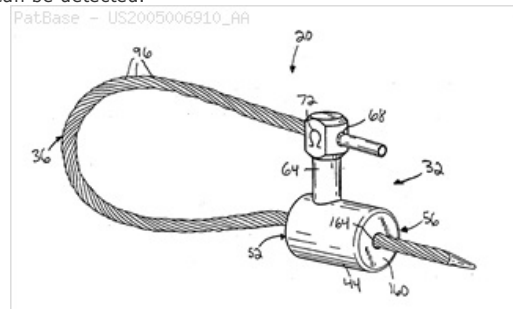
G09F3/0352 B65D90/008 B65D2211/00 Y10T292/48 Y10T292/491

Y10T292/502 Y10T292/51 Y10T292/492 G09F3/037

European: B65D90/00F G09F3/03A6B G09F3/03A8 L65D211/00

US: 24/115L 24/115N 24/122.6 24/136A 292/307R 292/315

292/315P 292/316 292/323 292/327



Family:

Publication number	Publication date	Application number	Application date
CA2531509 AA	20060106	CA20042531509	20040709

EP1644603 A1	20060412	EP20040777970	20040709
EP1644603 A4	20071212	EP20040777970	20040709
US2005006910 AA	20050113	US20030614457	20030709
US2006163886 AA	20060727	US20050318057	20051223
US2007273161 AA	20071129	US20060643410	20061221
US7073828 BB	20060711	US20030614457	20030709
US7172225 BB	20070206	US20050318057	20051223
US7478847 BB	20090120	US20060643410	20061221
WO05008004 A1	20050127	WO2004US22219	20040709

Priority:

US20030614457 20030709 WO2004US22219 20040709 US20050318057 20051223
US20060643410 20061221

Probable Assignee: RED FLAG PRODUCTION LLC

Assignee(s): (std): KLEYNERNAN GREGORY ; MATVIEV IGOR B ; SHAPOVALOV SERGEI F ; VVEDENSKIY URIY A ; ROGKOV SERGEI A ; ROMOV ANATOLIY A ; ROGKOV SERGEI A ; ALPHA CARGO TECHNOLOGY LLC ; FOIGEL VENIAMIN A

Assignee(s): GLASER BRUCE D ; ALPHA CARGO TECHNOLOGY MARKETING LLC ; ALPHA CARGO TECHNOLOGY PRODUCTION LLC ; RED FLAG PRODUCTION LLC

Inventor(s): (std): FOIGEL VENIAMIN A ; MATVIEV IGOR B ; SHAPOVALOV SERGEI F ; VVEDENSKIY URIY A ; ROGKOV SERGEI A ; ROMOV ANATOLIY A ; KLEYNERNAN GREGORY ; ROGKOV SERGEI A

Inventor(s): VVEDENSKIY URIY ; FOIGEL VENIAMIN ; ROMOV ANATOLIY ; SHAPOVALOV SERGEI ; ROGKOV SERGEI ; MATVIEV IGOR

Agent(s): FINLAYSON AND SINGLEHURST; MICHAEL BEST AND FRIEDRICH LLP; MICHAEL BEST AND FRIEDRICH

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 KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

358) Family number: 28667951 (US6581419B)

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Title: HASP AND LOCK COVER FOR CARGO DOORS

Abstract: A hasp and lock cover for installation on a camming handle of a cargo door of cargo carrying vehicles and shipping containers to substantially cover existing top and bottom hasp elements and the shackle of a lock device installed through the hasp elements. The cover is a unitary rigid box-like device having a contiguous front wall, laterally opposed side walls, a top end wall, an open back side, and an open bottom end defining an interior. Axially aligned apertures through each laterally opposed side wall are sized and shaped to slidably receive the camming handle of the cargo door. A recess in the top end wall is sized and shaped to allow pivotal movement therethrough of the top hasp element into and out of the cover interior. The open bottom end allows the lock device to be manually inserted upwardly therethrough into the interior and manipulated to secure the shackle through aligned apertures in the top and bottom hasp elements. The open bottom also allows the user to easily grip and hold the body of the lock with the fingers of one hand while using a key held in the other hand to lock and unlock the lock device. The open back side and bottom end allow the cargo door camming handle to be raised, lowered, and pivoted while the cover is installed on the handle and the handle is free of the top hasp member.

Classifications:

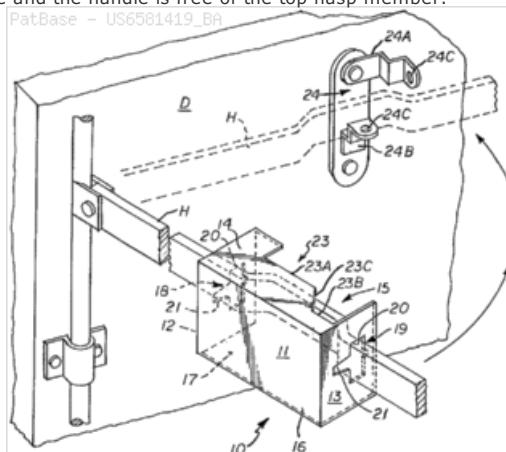
International (IPC 8-9): E05B13/00 E05B67/38 (Advanced/Invention); E05B65/16 (Advanced/Non-invention); E05B13/00 E05B67/00 (Core/Invention); E05B65/12 (Core/Non-invention)

International (IPC 1-7): E05B67/38

CPC: Y10S292/32 E05B67/38 E05B13/002 E05B83/10 Y10T70/498 Y10T70/5779 Y10T292/1086

European: E05B13/00C E05B67/38 P05B83/10

US: 292/205 292/DIG.32 70/212 70/56 70/560



Family:

Publication number	Publication date	Application number	Application date
US6581419 BA	20030624	US20020092268	20020307

Priority:

US20020092268 20020307

Probable Assignee: STRODTMAN FORREST E

Assignee(s): STRODTMAN FORREST E

Inventor(s): (std): STRODTMAN FORREST E

359) Family number: 64157953 (EP3101328A1)

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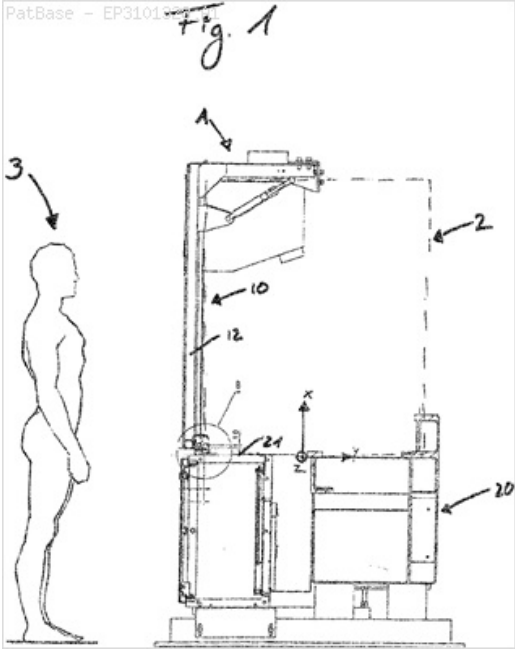
Title: MACHINE TOOL MACHINE-OUTIL

Abstract: Source: EP3101328A1 [DE] Die vorliegende Erfindung betrifft eine Werkzeugmaschine zur Bearbeitung von bevorzugt plattenförmigen Werkstücken, die bevorzugt zumindest abschnittsweise aus Holz, Holzwerkstoffen oder

Kunststoffen bestehen, mit einem Bearbeitungsraum, der nach unten in Richtung Boden durch einen Maschinenboden und in Richtung des Bedieners durch eine Schutzeinrichtung begrenzt ist, einem Riegel, bevorzugt einem Zylinder, mit einer Deckelflaeche, einem verschliessbaren Teil, welches an der Schutzeinrichtung fixiert ist, einem Verriegelungssystem der Schutzeinrichtung, welches den verschliessbaren Teil und den Riegel beinhaltet, einer Leistungs- und Auswerteinheit, welche eingerichtet ist, um die Signale einer ersten und einer zweiten Spule auszulesen und zu verarbeiten und dadurch gekennzeichnet ist, dass die Deckelflaeche des Riegels bei geoeffneter Schutzeinrichtung mit dem Maschinenboden in einer Ebene oder darunter liegt.

Machine translation: The present invention relates to a machine tool for machining of preferably plate-shaped workpieces, which prefers at least some sections of wood, wood-based materials or plastics made with a processing room, which is limited downwards towards the floor by a machine back and towards the operator through a protective device a catch, prefers a cylinder, with a lid surface, a lockable part, which is fixed on the guard, a locking system of the protective device, which includes the sealed part and the latch, a performance and evaluation unit, which is set up, the signals of a first and a second coil to read and to process and this is marked, that the cover surface of the bar in a level or below is open safety guard with the bottom of the machine.

Classifications:
International (IPC 8-9): B23Q11/00 B27G21/00 E05B17/20 E05B47/02 F16P1/02 F16P3/00 F16P3/08 (Advanced/Invention)
CPC: F16P3/08 B23Q11/0078 F16P1/02 B23Q11/0891



Family:

Publication number	Publication date	Application number	Application date
DE102015209923 A1	20161201	DE201510209923	20150529
EP3101328 A1	20161207	EP20160170588	20160520

Priority:

DE201510209923 20150529

Probable Assignee: HOMAG HOLZBEARBEITUNGSSYSTEME GMBH

Assignee(s): (std): HOMAG GMBH ; HOMAG HOLZBEARBEITUNGSSYSTEME GMBH

Inventor(s): (std): RATHGEBER PETER

Agent(s): HOFFMANN EITL

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

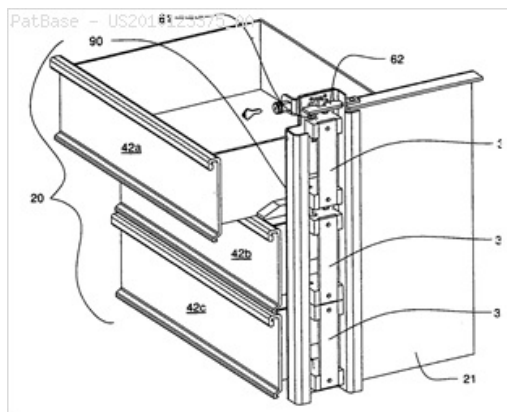
360) Family number: 45000954 (US2010123375A) © PatBase

Title: LOCKING SYSTEM FOR FILING CABINETS TO PREVENT MORE THAN ONE DRAWER BEING OPEN AT ONE TIME

Abstract: A cabinet interlocking system is disclosed for a cabinet comprising a plurality of drawers wherein the interlocking system acts to prevent more than one drawer being opened at one time. The interlocking system comprises: a) an application of wedge-shaped support members for each movable side, or on at least one side, (could also be mounted on just one side), of each drawer to support each drawer in an open and closed position, b) a set of movable interlocking spring-loaded interlocking pieces mounted on adjoining support walls of the cabinet upon which the wedge-shaped drawer slides support members applied to the sides of the cabinet drawers of the cabinet drawers remain when the drawers are in the open position, c) a locking mechanism comprising a key-operated locking bracket and a key operated locking bar, which operate to lock and unlock the set of movable interlocking spring-loaded interlocking piece to permit the movable interlocking pieces to move upon entrance of the wedge-shaped members to penetrate between the interlocking members upon opening of one cabinet drawer, to raise the interlocking support members of the other interlocking pieces of other cabinet drawers above the open drawer to prevent opening the other cabinet drawers, above the open drawer. Also, cabinet drawers are blocked from opening by a spatial constraint there being only enough space between the several spring loaded interlocking pieces to allow one and only one wedge shaped member to pass between members of one interlocking piece.

Classifications:

International (IPC 8-9): A47B81/00 A47B88/00 A47B88/22 A47F3/00 B25H1/12 B25H3/00 B25H3/02 E05B1/00 E05B65/00 E05B65/46 E05C7/06 (Advanced/Invention); E05B65/44 (Core/Invention)
CPC: B25H3/006 A47B81/00 B25H1/12 A47F3/005 B25H3/028 E05B1/00 E05B65/0021 E05B65/464 E05B65/462 Y10T29/49826 Y10T29/49876 A47B88/944 A47B88/95 B21D5/0254 B21D37/145
European: E05B65/46C E05B65/46C2B
US: 1/1 29/428 29/453 312/122 312/138.1 312/139 312/215 312/218 312/220 312/221 312/222 312/348.4



Family:

Publication number	Publication date	Application number	Application date
US2010123375 AA	20100520	US20080272491	20081117
US2014167575 AA	20140619	US20130075591	20131108
US2014225485 AA	20140814	US20140257771	20140421
US2014225494 AA	20140814	US20140257826	20140421
US8696074 BB	20140415	US20080272491	20081117
US8870308 BB	20141028	US20130075591	20131108
US9089963 BB	20150728	US20140257771	20140421
US9156158 BB	20151013	US20140257826	20140421

Priority:

US20080272491	20081117	US20130075591	20131108	US20130904485P	20131115
US20130904491P	20131115	US20140257771	20140421	US20140257826	20140421

Probable Assignee: VERSATILITY TOOL WORKS AND MFG CO INC

Assignee(s): (std): FREIMUTH EDWARD KARL ; ROMAEN ANDREW ; VERSATILITY TOOL WORKS AND MFG C ; VERSATILITY TOOL WORKS AND MFG CO

Assignee(s): VERSATILITY TOOL WORKS AND MFG CO INC ; VERSATILITY TOOL WORKS AND MANUFACTURING COMPANY INC

Inventor(s): (std): ROMAEN ANDREW ; FREIMUTH EDWARD KARL

Agent(s): EDELSON IP LAW GROUP LTD; JOSEPH

361) Family number: 53989956 (WO13081469A1)

© PatBase

Title: ELECTRONIC SEAL DEVICE

Abstract: The present invention relates to an electronic seal device (10), comprising: a housing (12); at least one detector adapted to detect the status of the device; a communication module (66) adapted to wirelessly send out one or more signals related to the status of the device as detected by the at least one detector; and a cable (28) having a first free end (30), a second end (32) securely attached in or to the housing, and an intermediate portion (36) between the first and second ends, wherein the housing includes a first part (14) and a second part (16), the first part being a lid which is movable relative to the second part between an open position and a closed position, and wherein the device further comprises a clamp (34) at least partly arranged in the housing and adapted to receive the intermediate portion of the cable when the lid is in the open position and to securely hold the intermediate portion of the cable when the lid is in the closed position. The present invention also relates to a method of sealing an object (76), such as a container or back doors on a trailer.

Classifications:

International (IPC 8-9): G08B13/12 G08B13/22

G09F3/03 (Advanced/Invention);

E05B73/00 G06K19/077 G06Q10/08 (Advanced/Non-invention)

CPC: G08B13/1445 G08B13/1463 G08B13/149

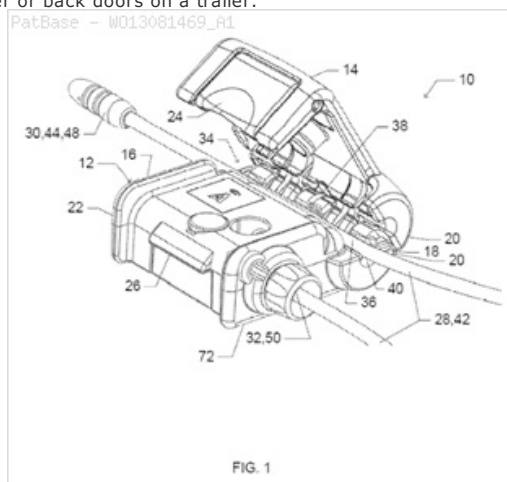


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
NO20111661 A	20130603	NO20110001661	20111201
NO334326 B1	20140203	NO20110001661	20111201
WO13081469 A1	20130606	WO2012NO50241	20121130
WO13081469 A4	20130829	WO2012NO50241	20121130

Priority:

Probable Assignee: ABAX AS**Assignee(s):** (std): ABAX AS**Inventor(s):** (std): BERGAN GLENN ; BERGEN GLENN ; ENGBRETSSEN TOR ; STEEN JOHANSEN RUDY ; TOENNESLAND AASULV ; TONNESLAND ASULV**Inventor(s):** TOENNESLAND ASULV**Agent(s):** ZACCO NORWAY AS**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW 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**362) Family number: 4774956 (EP0084916A1)**

© PatBase

Title: Protective transfer tunnel arrangement.

Abstract: Telescopic transfer-hatch construction for the protected transfer of money or other valuables between two objects, such as buildings or vehicles. The construction (1) comprises an outer tunnel (2) fixedly mounted in one of the objects and within the outer tunnel a slidable tunnel (6). A door (7) is located in a fixed inner tunnel (4) which is connected to the fixed outer tunnel (2). By means of the construction, which can be mounted in the wall of a building, a protected connection can be established. As soon as a hatch or a door mounted in a money transport car is positioned in front of the construction, the inner tunnel (6) will be unlocked and moved against the car, a hood (31) joining the car. After locking the slidable tunnel (6) the door (7) will be unlocked.

Classifications:**International (IPC 8-9):** A47G29/20 B60P3/03

E05G7/00 (Advanced/Invention);

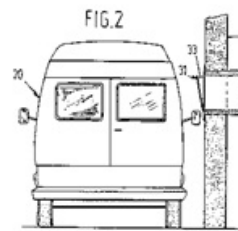
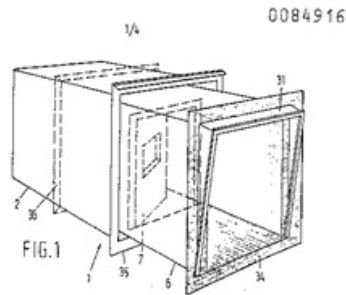
E05G7/00 (Advanced/Non-invention);

A47G29/00 B60P3/00 E05G7/00 (Core/Invention);

E05G7/00 (Core/Non-invention)

International (IPC 1-7): B60P3/03 E05G1/024 E05G7/00**CPC:** A47G29/20 B60P3/03 E05G7/00**European:** A47G29/20 B60P3/03 P05G7/00

PatBase - EP0084916_R1

**Family:**

Publication number	Publication date	Application number	Application date
AT17148 E	19860115	AT19830200086T	19830120
DE0084916 T1	19831013	DE19830200086T	19830120
DE3361578 D1	19860206	DE19833361578	19830120
DK153716 B	19880822	DK19830000247	19830121
DK153716 C	19881227	DK19830000247	19830121
DK24783 A	19830722	DK19830000247	19830121
DK24783 A0	19830121	DK19830000247	19830121
EP0084916 A1	19830803	EP19830200086	19830120
EP0084916 B1	19851227	EP19830200086	19830120
FI70293 B	19860228	FI19830000189	19830120
FI70293 C	19860915	FI19830000189	19830120
FI70293 C	19860912	FI19830000189	19830120
FI830189 A	19830722	FI19830000189	19830120
FI830189 A0	19830120	FI19830000189	19830120
FI830189 L	19830722	FI19830000189	19830120
NL8200228 A	19830816	NL19820000228	19820121
NO152852 B	19850819	NO19830000193	19830120
NO152852 C	19851127	NO19830000193	19830120
NO830193 A	19830722	NO19830000193	19830120
NO830193 L	19830722	NO19830000193	19830120

Priority:

NL19820000228 19820121 EP19830200086 19830120

Probable Assignee: NEDERLANDEN STAAT**Assignee(s):** (std): NEDERLANDEN STAAT ; NL POST AND TELECOMM**Assignee(s):** NL STAATSBEDRIJF DER POSTERIJEN TELEGRAFIE EN TELEFONIE ; STAAT DER NEDERLANDEN ; STAAT

DER NEDERLANDEN (STAATSBEDRIJF DER POSTERIJEN TELEGRAFIE EN TELEFONIE) ; STAAT DER NEDERLANDEN STAATSBEDRIJF DER POSTERIJEN TELEGRAFIE EN TELEFONIE S GRAVENHAGE NL ; STAAT DER NEDERLANDEN STAATSBEDRIJF DER POSTERIJEN TELEGRAFIE EN TELEFONIE ; STAAT DER NEDERLANDEN STAATSBEDRIJF DER POSTERIJEN TELEGRA ; STAAT DER NEDERLANDEN STAATSBEDRIJF DER POSTERIJEN TELEGR ; STAAT DER NEDERLANDEN STAATSBEDRIJF DER POSTERIJEN TELEGR ; STAAT DER NEDERLANDEN STAATSBEDRIJF DER POSTERIJEN TELEGR ; STAAT DER NL STAATSBEDRIJF DER POST TELEGR EN TELEF ; STAAT DER NEDERLANDEN STAATSBEDRIJF DER POSTERIJEN TELEGRAFIE EN TELEFONIE TE S GRAVENHAGE

Inventor(s): (std): KOEHLER WILLEM GERARDUS

Inventor(s): KOEHLER WILLEM GERARDUS NL 2564 BW THE HAGUE NL ; WILLEM GERARDUS KOEHLER

Designated states: AT BE CH DE FR GB IT LI LU SE

363) Family number: 12596965 (WO0021401A1)

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Title: CONTAINER, ESPECIALLY LUGGAGE CONTAINER AND METHOD FOR PRODUCING THE SAME

Abstract: The invention relates to a container, especially a luggage container. Said container consists of a bottom and a lid part (3, 5) which are hinged together by a hinge (1a-c) so that the container can be opened and closed. The container also comprises at least two latch elements (6a, 6b) which fasten the two parts (3, 5) to one another and which are arranged in the outer corners (7a, 7b) of the small face (9) opposite the hinge (1a-c). The inventive container is able to withstand extreme stresses and/or loads and does not release its content under these stresses/loads.

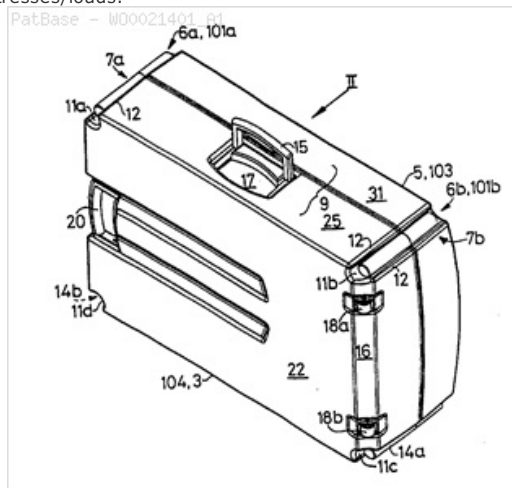
Classifications:

International (IPC 8-9): A45C13/00 A45C13/06 A45C5/02 A45C5/03 A45C5/14 E05B37/02 E05B65/52 (Advanced/Invention); A45C5/14 E05B37/02 (Advanced/Non-invention); A45C13/00 A45C5/00 A45C5/03 E05B65/00 (Core/Invention); E05B37/00 (Core/Non-invention)

International (IPC 1-7): A45C13/10 E05B65/52 E05C5/00

CPC: A45C13/06 A45C5/02 A45C5/03 A45C5/14 A45C13/005 E05B37/02 E05B65/52

European: A45C13/00H A45C13/06 A45C5/00S A45C5/02 A45C5/03 E05B65/52 K45C5/14 P05B37/02



Family:

Publication number	Publication date	Application number	Application date
AT251400 E	20031015	AT19980811087T	19981030
AU199915533 A1	20000501	AU19990015533	19981223
AU199915533 A5	20000501	AU19990015533	19981223
DE59809855 D1	20031113	DE19985009855	19981030
EP0914784 A2	19990512	EP19980811087	19981030
EP0914784 A3	19990721	EP19980811087	19981030
EP0914784 B1	20031008	EP19980811087	19981030
WO0021401 A1	20000420	WO1998CH00552	19981223

Priority:

CH19970002522 19971030 CH19980002043 19981009 EP19980811087 19981030
WO1998CH00552 19981223

Probable Assignee: SWISS LUGGAGE SL AG

Assignee(s): (std): BIGLER MICHAEL ; GYGAX RUEDI ; RADTKE MARTIN ; SWISS LUGGAGE SL AG ; WAITZ KARL HEINZ ; SWISS LUGGAGE SL AG BERN

Assignee(s): SWISS LUGGAGE SL BERN AG ; RUEDI GYGAX

Inventor(s): (std): RADTKE MARTIN ; GISIGER URS ; WAITZ KARL HEINZ ; GYGAX RUEDI ; BIGLER MICHAEL

Inventor(s): RUEDI GYGAX ; MICHAEL BIGLER ; MARTIN RADTKE ; KARL HEINZ WAITZ

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZW

364) Family number: 32759970 (US2006065023A)

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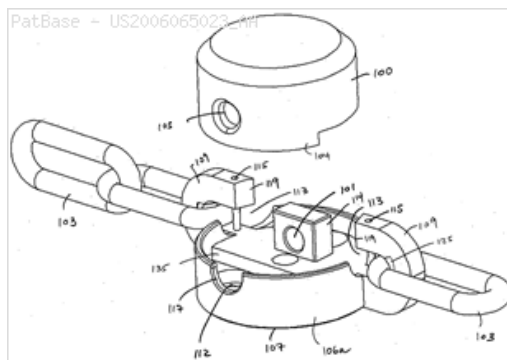
Title: SECURITY LINK

Abstract: A link for connecting at least one securing member, such as chain, with a locking device having a body and a shackle, where the link comprises a base having a through hole adapted to receive the shackle of a locking device and a first securing element associated with the base, the first securing element adapted to receive a first securing member, wherein the shackle of a lock may be inserted through the through hole such that the lock blocks the first securing member from being separated from the securing element. Also disclosed is a system for securing a locking device having a handle hinged to a vertical lockrod, where the system comprises a strap and a link adapted to be installed upon the vertical lockrod and handle such that the handle is prevented from being manipulated in such a manner as to unlock the locking device.

Classifications:

International (IPC 8-9): E05B17/00 E05B65/48 E05B67/00 E05B67/08 E05B67/22 E05B67/36 E05B67/38 E05B73/00

E05C19/18 (Advanced/Invention);
E05B13/00 E05B83/10 (Advanced/Non-invention);
E05B17/00 E05B65/00 E05B67/00 E05B73/00 (Core/Invention)
CPC: E05B67/365 E05B73/0005 Y10T70/35 Y10T70/40 Y10T70/441
Y10T70/493 E05B67/22 E05B13/002 E05B67/003 E05B67/36
E05B83/10 E05C19/186 E05B67/383 E05B67/38 Y10T70/409
Y10T70/491
European: E05B67/00B E05B67/22 E05B67/36 E05B67/36B
E05B67/38B E05B73/00A E05C19/18C P05B13/00C P05B67/38B
P05B83/10
US: 1/1 70/14 70/18 70/18P 70/33 70/53 70/53P 70/54 70/8



Family:

Publication number	Publication date	Application number	Application date
EP1802832 A2	20070704	EP20050798095	20050920
EP1802832 A4	20110525	EP20050798095	20050920
US2006065023 AA	20060330	US20050231210	20050920
US2006123856 AA	20060615	US20060351136	20060209
US2009217713 AA	20090903	US20090362185	20090129
US2014137611 AA	20140522	US20130074917	20131108
US7543466 BB	20090609	US20050231210	20050920
US9212508 BB	20151215	US20090362185	20090129
US9528302 BB	20161227	US20130074917	20131108
WO06034226 A2	20060330	WO2005US33533	20050920
WO06034226 A3	20060713	WO2005US33533	20050920

Priority:

US20040611369P 20040920 US20050651414P 20050209 US20050231210 20050920
WO2005US33533 20050920 US20060351136 20060209 US20090362185 20090129
US20130074917 20131108

Probable Assignee: STANTON CONCEPTS LLC

Assignee(s): (std): LOUGHLIN JOHN ; LOUGHLIN ROBERT ; STANTON CONCEPTS INC ; STANTON CONCEPTS L L C ; STANTON CONCEPTS LLC

Inventor(s): (std): LOUGHLIN JOHN ; LOUGHLIN ROBERT

Agent(s): LERNER DAVID LITTENBERG , KRUMHOLZ AND MENTLIK; LERNER DAVID LITTENBERG KRUMHOLZ AND MENTLIK; DIEHL SERVILLA LLC; DIEHL GLEN M; SERVILLA SCOTT S; GLEN M; SCOTT S; GRAHAM CURTIN PA; CHIESA SHAHINIAN AND GIANTOMASI PC

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 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

365) Family number: 4704971 (US5036684A)

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Title: SECURITY DEVICE FOR VEHICLE CLOSING SYSTEMS

Abstract: A security device for closing systems for vehicles and containers comprising a base plate fastened to the chassis of the vehicle holding a hinging shaft and one of two essential elements of a lock, i.e., the catch or sliding bolt; and a closing arm, one end of which hinges on the base plate by means of said shaft, the other end holding the other element of the lock. The plate and the arm form a parallelepipedal flat space when the device is in a closed position, which serves to house and lock the lower bent ends of the closing shaft of the vehicle door.

Classifications:

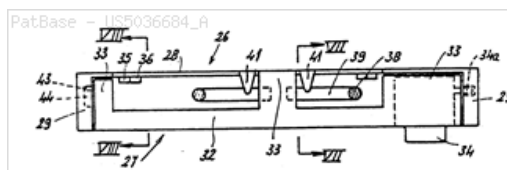
International (IPC 8-9): E05B65/16 E05B65/18 E05C9/08
E05C9/18 (Advanced/Invention);
E05B65/12 E05C9/00 (Core/Invention)

International (IPC 1-7): B62D27/00 B65D55/14 B65D90/54
B65D90/62 E05B65/14 E05B65/16 E05B65/18 E05B65/52 E05C3/04
E05C9/08 E05C9/18

CPC: Y10S70/65 Y10S292/32 E05B83/10 Y10T16/5448 Y10T70/5553
Y10T292/1049 Y10T292/1092

European: E05B83/10

US: 16/361 292/210 292/218 292/DIG.32 49/394 70/161 70/DIG.65



Family:

Publication number	Publication date	Application number	Application date
EP0337886 A1	19891018	EP19890401018	19890413
FR2630154 A1	19891020	FR19880004989	19880415
FR2630154 B1	19900803	FR19880004989	19880415
FR2644829 A2	19900928	FR19890003729	19890322
FR2644829 B2	19910517	FR19890003729	19890322
JP2024465 A2	19900126	JP19890093242	19890414
US5036684 A	19910806	US19900622404	19901203

Priority:

FR19880004989 19880415 FR19890003729 19890322 US19890337229 19890412

Probable Assignee: ZIVANOVIC MILOVOJE

Assignee(s): (std): JIBUANOBITSUKU MIROBUOIE ; ZIVANOVIC MILOVOJE

Inventor(s): (std): JIBUANOBITSUKU MIROBUOIE ; ZIVANOVIC MILOVOJE

366) Family number: 537971 (DE2060334A1)

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Title: VORRICHTUNG ZUM AUTOMATISCHEN OEFFNEN BZW. SCHLIESSEN EINES TORFLUEGELS OD.DGL. DEVICE FOR AUTOMATICALLY OPENING OR CLOSE one gate OR THE LIKE. (Machine translation)

Abstract: Source: DE2060334A1 [DE] (Claim 1) 1. Ansprliche 1 9Vorrichtung zum automatischen oeffnen bzw. Schliessen eines Torfluegels oder dgl. mit einer Anordnung zur Steuerung der Dauer des Offenseins und mit von die ser Anordnung abhaengigen Schliessorganen, d a d u r c h g e k e n n z e i c h n e t, dass die Steueranordnung zwei Fluidbehaelter (104) aufweist, von denen Jeweils einer zwischen einer ersten Stellung, in der er hoeher als der andere Behaelter liegt und einer zweiten Stellung, in der er niedriger als der andere Behaelter liegt verschwenkbar ist, dass das Fluid ueber Leitungen (106) von dem in der ersten Stellung befindlichen Behaelter zu dem anderen Be haelter (104) stroemt, und dass Mittel vorgesehen sind, die in Abhaengigkeit von der Fluidmenge im anderen Behaelter den Schliessmechanismus betaetigen.

Machine translation: (Claim 1) 1 Ansprliche 1 9Vorrichtung For automatic opening or closing one gate or the like with an arrangement for controlling the duration of being open and of the water arrangement dependent Schliessorganen, wherein the control arrangement, two Fluidbehaelter (104), one of which each one between a first position in which he is taller than the other container and a second position in which it is lower than others of capacities is pivotal is that the fluid via lines (106) of which is still in the first position to the other vessel loading container (104) flows, and that means are provided for the actuation as a function of the amount of fluid in the other container locking mechanism.

Classifications:

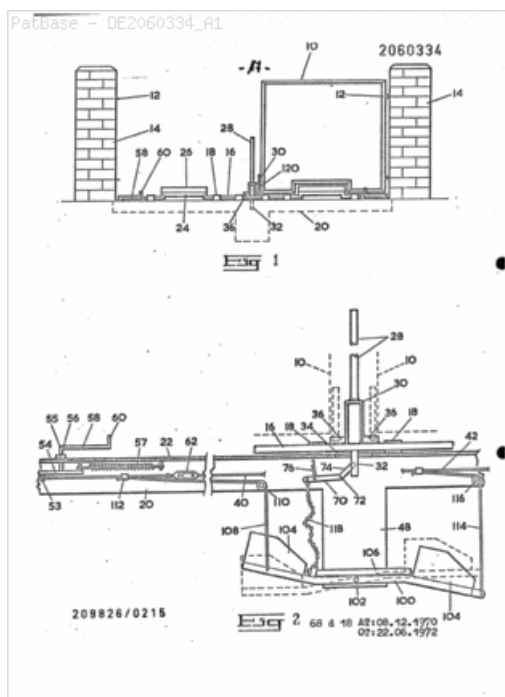
International (IPC 8-9): E05F13/04 (Advanced/Invention);

E05F13/00 (Core/Invention)

International (IPC 1-7): E05F13/04

CPC: E05F13/04

European: E05F13/04

**Family:**

Publication number	Publication date	Application number	Application date
DE2060334 A1	19720622	DE19702060334	19701208

Priority:

DE19702060334 19701208

Probable Assignee:

LOOTS GILLIAM

Assignee(s): (std):

LOOTS GILLIAM

367) Family number: 58693973 (WO15032905A1)

© PatBase

Title: METHOD FOR PREVENTING LEAKAGE FROM A CONTAINER AND A CONTAINER HAVING LEAKAGE SAFEGUARD

Abstract: The invention relates to a method for preventing leakage of a hazardous or ignitable gas or gas mixture from a container (1) and to a container having a leakage safeguard, wherein the container comprises a closable door (17, 18), wherein the door can be opened by a single-stage or multi-stage opening mechanism (10) and the opening mechanism (10) comprises at least one first opening step and a second opening step, wherein the method comprises the following steps: carrying out the first opening step for opening the door, generating power to supply a sensor (9) by means of the first opening step, activating the sensor (9) for detecting the hazardous or ignitable gas or gas mixture by means of the first opening step, detecting the ignitable or hazardous gas or gas mixture by the sensor as soon as the latter is activated, blocking the second opening step, such that the door (17, 18) remains closed and an escape of the ignitable or hazardous gas or gas mixture from the container (1) is prevented. Triggering an alarm signal when the ignitable or hazardous gas or gas mixture has been detected by the sensor (9).

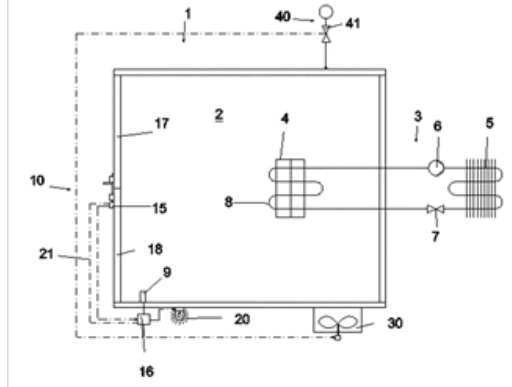
Classifications:

International (IPC 8-9): E05B17/22 F17C13/12

F25B49/00 (Advanced/Invention)

CPC: F25D29/008 F25B2400/12 F25B2500/222 F25D2700/02

Fig. 1

**Family:**

Publication number	Publication date	Application number	Application date
WO15032905 A1	20150312	WO2014EP68958	20140905

Priority:

EP20130183261 20130905

Probable Assignee: KOENIG HOLGER**Assignee(s):** (std): KOENIG HOLGER**Inventor(s):** (std): KOENIG HOLGER ; KOENIG OLE**Agent(s):** INDUSTRIAL PROPERTY SERVICES GMBH ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN 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

368) Family number: 57313976 (US2014245798A)

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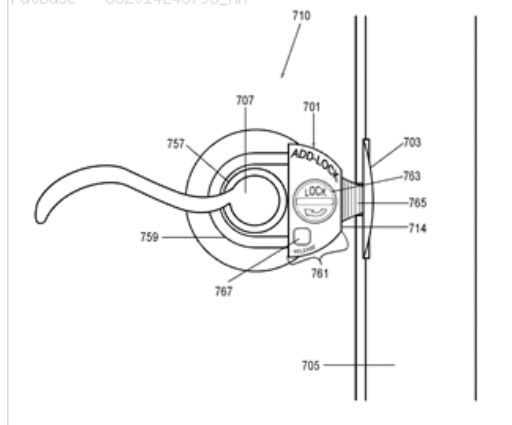
Title: ADD-LOCK

Abstract: New non-damaging, yet installed portable door lock techniques are provided. Embodiments include both external and internal locking controls, with and without the use of keys and safety releases. In some aspects of the invention, a locking device may be non-damagingly mounted, in both a locked and unlocked condition, on the door jamb and/or mortise or other latch-accepting hole of a doorway and, with a variably-extendible door-gripping member, lock a door to the doorway and/or wall. Some aspects implement low weight and size, yet high-strength materials to enhance portability for traveling users. Some external control options are physical, as well as electronic, despite the challenges presented in this regard for temporary, portable locks. Examples of safety releases for external unlocking of the locking devices are also provided, and include remote access options. Embodiments also include cushioning and other devices for reducing lateral play, doorway damage and optimizing holding force.

Classifications:

International (IPC 8-9): B65D33/00 B65D33/02 B65D33/06 B65D33/18 E05B63/00 E05G1/00 E05G1/02 E05G1/10 G06F21/62 G06F21/78 (Advanced/Invention)
CPC: E05B13/002 E05B19/00 E05B53/003 E05B63/003 E05B77/54 E05B2047/0083 E05B2047/0094 E05C17/54 E05C19/188 E05C19/182 E05B15/08 Y10T70/40 E05G1/005 E05G1/10 G06F21/6218 G06F21/78 B65D33/02 B65D33/004 G06Q10/0836 B65D33/18 B65D33/065 A45C3/04 E05F15/77 G06Q20/18 G06Q20/20 G07G1/0036
US: 109/38 70/14

PatBase - US2014245798_A1

**Family:**

Publication number	Publication date	Application number	Application date
US2014245798 AA	20140904	US20130783416	20130304
US2015259968 AA	20150917	US20140214651	20140314
US2017161512 AA	20170608	US20170437509	20170221
US2018105325 AA	20180419	US20170856023	20171227
US9574390 BB	20170221	US20140214651	20140314

Priority:US20130783416 20130304
US20170437509 20170221US20130852124P 20130315
US20170856023 20171227

US20140214651 20140314

Probable Assignee: BECKMAN CHRISTOPHER V

Assignee(s): (std): BECKMAN CHRISTOPHER V
Inventor(s): (std): BECKMAN CHRISTOPHER V

369) Family number: 1526976 (US4183708A)

© PatBase

Title: High security systems for protecting valuable or dangerous consignments from theft

Abstract: A high security transfer system for transferring valuable or dangerous consignments from a vehicle to a receiving apparatus includes an armored container for the consignment which has at least two connectors interlocked with one another so that a connector is only releasable after another connector has been fastened. The vehicle includes at least one interconnecting element which is fastened to one of the connectors on the container when the container is in the vehicle and the receiving apparatus also includes an interconnecting element. The system also includes a transfer device having an interconnecting element. The system is arranged so that to transfer the container from the vehicle to the receiving apparatus, the interconnecting element on the transfer device is fastened to one of the connectors on the container to enable the interconnection between the container and the vehicle to be released, and the transfer device then transfers the container to the receiving apparatus. The interconnecting element on the receiving apparatus is then fastened to one of the connectors on the container to enable the interconnection between the transfer device and the container to be released to complete the transfer operation.

Classifications:

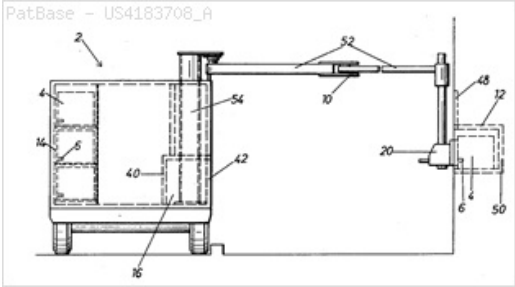
International (IPC 8-9): B60P3/00 B60P3/03 (Advanced/Invention);
E05G7/00 (Advanced/Non-invention);
B60P3/00 (Core/Invention);
E05G7/00 (Core/Non-invention)

International (IPC 1-7): B60P3/00 B60P3/03 B65G67/02 E05G1/02
F41H7/00

CPC: B60P3/03 E05G7/00

European: B60P3/03 P05G7/00

US: 414/352 414/498 414/543



Family:

Publication number	Publication date	Application number	Application date
CA1076526 A1	19800429	CA19780299513	19780322
CH638143 A	19830915	CH19780003253	19780323
DE2712705 A1	19781005	DE19772712705	19770323
DE2712705 B2	19790503	DE19772712705	19770323
DE2712705 C3	19800103	DE19772712705	19770323
FR2384648 A1	19781020	FR19780008841	19780322
FR2384648 B1	19801024	FR19780008841	19780322
GB1580123 A	19801126	GB19780009875	19780313
NL7803118 A	19780926	NL19780003118	19780322
US4183708 A	19800115	US19780887255	19780316

Priority:

DE19772712705 19770323

Probable Assignee: KUHBIER ING GES

Assignee(s): (std): KUHBIER ING GES

Assignee(s): KUHBIER INGENIEURGESELLSCHAFT KG ; KUHBIER MANFRED ; KUHBIER SIGRID ;
INGENIEURGESELLSCHAFT KUHBIER KG ; INGENIEURGESELLSCHAFT KUHBIER KG 4044 KAARST ;
INGENIEURGESELLSCHAFT KUHBIER KG TE KAARST BONDSREPUBLIC DUTSLAND

Inventor(s): (std): KUHBIER MANFRED ; KUHBIER SIGRID

Inventor(s): MANFRED KUHBIER ; SIGRID KUHBIER ; KUHBIER SIGRID 6090 RUESSLSHEIM ; KUHBIER MANFRED
4000 DUESSELDORF

370) Family number: 57054983 (US2014218218A)

© PatBase

Title: SYSTEMS, METHODS, AND DEVICES FOR SECURING CARGO

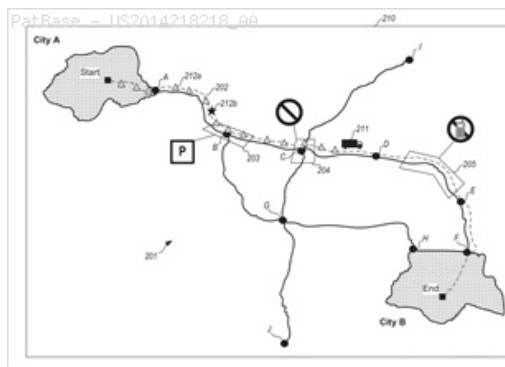
Abstract: Enhanced methods and systems for securing and monitoring cargo are described. Some examples provide a cargo monitoring system ("CMS") that is configured to track, identify, and report about anomalous conditions or events related to cargo shipments. The CMS may include a software system that receives conditions information from electromechanical locks that secure cargo. The locks include data terminals that facilitate near real time monitoring of cargo. The electromechanical locks are installed on the bars or other mechanism (e.g., door rings) that lock the doors of a cargo container, train car, van door, or the like. The data terminals include logic that is configured to transmit to the CMS information about current conditions, such as location, temperature, lock status (e.g., open, closed), tamper attempts, and the like. The cargo monitoring system interprets the received information and performs various actions based thereon, such as to transmit alerts if anomalous conditions are detected.

Classifications:

International (IPC 8-9): E05B39/00 E05B83/02 E05B83/08
E05C19/18 G01C G01C21/06 G01C21/26 G01C21/34 G07C9/00
G08B G08B13/00 G08G1/00 G08G1/127 (Advanced/Invention);
E05B83/08 E05C19/18 (Advanced/Non-invention);
G01C G08B (Subclass/Invention)

CPC: E05B39/005 G08G1/207 G08G1/127 G01C21/34 G07C9/00896
G07C9/00309 E05B83/02 G07C5/008 E05B83/08 E05C19/186
G07C2009/0092

US: 1/1 340/989 701/442



Family:

Publication number	Publication date	Application number	Application date
BR112015017999 A2	20170711	BR20151117999	20140128
CA2899439 AA	20150727	CA20142899439	20140128
CL2015002106 A1	20160422	CL20150002106	20150728
CL55466 B	20180226	CL20150002106	20150728
EP2948736 A1	20151202	EP20140742745	20140128
EP2948736 A4	20161026	EP20140742745	20140128
HK1218155 A1	20170203	HK20160106124	20160530
MX2015009743 A1	20160428	MX20150009743	20140128
MX354083 B	20180209	MX20150009743	20140128
PE00582016 A1	20160128	PE20150001554	20140128
US2014218218 AA	20140807	US20140166696	20140128
US2016203718 AA	20160714	US20160991718	20160108
US9260896 BB	20160216	US20140166696	20140128
US9953530 BB	20180424	US20160991718	20160108
WO14117180 A1	20140731	WO2014US13443	20140128

Priority:

US20130757631P 20130128	US20130748905P 20130314	US20130784905P 20130314
US20140166696 20140128	WO2014US13443 20140128	US20160991718 20160108

Probable Assignee: COMMERCIAL FINANCE CORP S DE RL

Assignee(s): (std): COMMERCIAL FINANCE CORP DE PANAMA SA ; COMMERCIAL FINANCE CORP S DE R L ; BIERMAN ELLEN M

Assignee(s): COMMERCIAL FINANCE CORP ; COMMERCIAL FINANCE DE PANAMA CORP SA ; HERRERA DANIEL ; LLORED A MAURICIO ; LOPEZ IVAN ; COMMERCIAL FINANCE CORP S DE RL

Inventor(s): (std): LLORED A MAURICIO ; HERRERA DANIEL ; LOPEZ IVAN ; LLORED A S MAURICIO ; MAURICIO LLORED A ; IVAN LOPEZ ; DANIEL HERRERA

Inventor(s): LLORED A S

Agent(s): GOWLING LAFLEUR HENDERSON LLP; SARGENT AND KRAHN; GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; CHAN TANG AND KWOK; LOWE GRAHAM JONES PLLC; ELLEN M; BIERMAN ELLEN M

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

371) Family number: 4804984 (US5056847A)

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Title: VEHICLE DOOR OPERATING MECHANISM

Abstract: A vehicle door operating mechanism provides automatic opening and closing of a delivery truck door from within or without the vehicle. A low profile side mounted electric motor operates a closed loop drive means with limit switches assuring proper operation. The motor and drive means cooperate directly with the existing tracking.

Classifications:

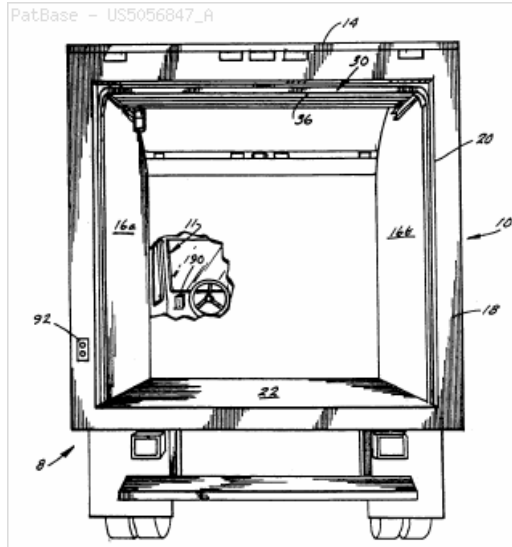
International (IPC 8-9): B60J5/12 E05F15/16 (Advanced/Invention); B60J5/10 E05F15/16 (Core/Invention)

International (IPC 1-7): B62D25/00

CPC: E05Y2800/00 B60J5/125 E05Y2900/106 E05Y2900/516 E05Y2201/646 E05F15/684

European: B60J5/12B E05F15/16B9B P05Y900/106 P05Y900/516

US: 160/188 296/50

**Family:**

Publication number	Publication date	Application number	Application date
US5056847 A	199111015	US19890435269	19891113

Priority:

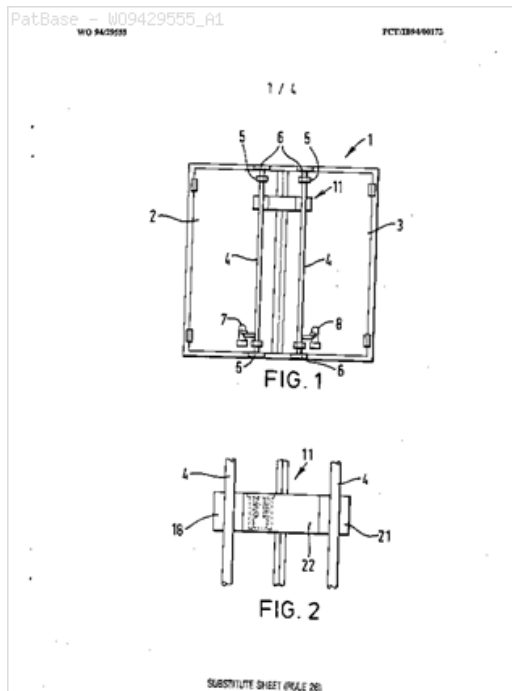
US19890435269 19891113

Probable Assignee: AUTOMATIC TRUCK DOOR INC**Assignee(s):** (std): AUTOMATIC TRUCK DOOR INC**Inventor(s):** (std): BOERMAN DANIEL W ; BOHN CHRISTOPHER G ; STILLWELL RICHARD L**372) Family number: 13102985** (WO9429555A1)

© PatBase

Title: LOCKING DEVICE

Abstract: A locking device, for a container having double doors (2, 3) defining a closure plane (13) between them, comprises: a first member (12) adapted to be fixed or fixable to the inside of one (2) of the double doors to extend across the closure plane (13) and lie behind the inside of the other door (3); a forwards extension (16) of the first member, extending from inside to outside of the doors; a second member (21) lockable to the forwards extension outside the one door (2) to extend across the closure plane and lie in front of the other door (3); the arrangement being such that when the second member is locked in position, the two members (12, 21) captivate the other door (3) between them, thereby inhibiting opening of the doors.

Classifications:**International (IPC 8-9):** E05B65/16 E05C19/18 E05C7/04 (Advanced/Invention)**International (IPC 1-7):** E05B65/16 E05C19/18 E05C7/04**CPC:** E05B83/10 E05C7/04 E05C19/18**European:** E05B83/10 E05C19/18 E05C7/04**Family:**

Publication number	Publication date	Application number	Application date
GB9311576 A0	19930721	GB19930011576	19930604
WO9429555 A1	19941222	WO19941B00172	19940603

Priority:

GB19930011576 19930604

Probable Assignee: RIPPLE INVEST LTD

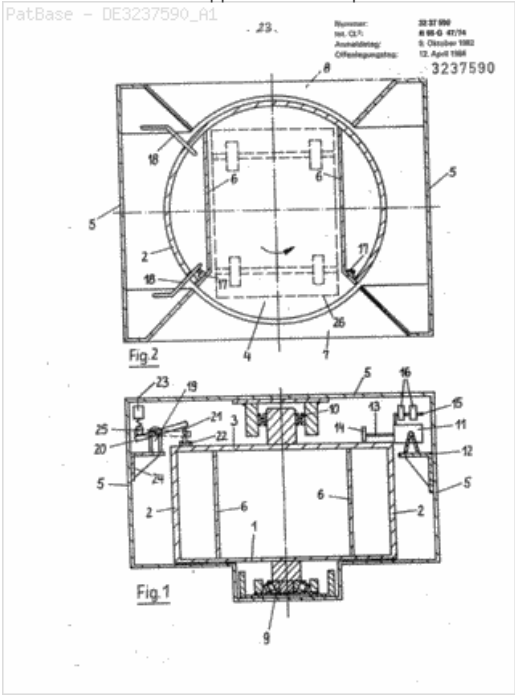
Assignee(s): (std): RIPPLE INVEST LTD ; WESSEL PETER
Assignee(s): RIPPLE INVESTMENTS LIMITED
Inventor(s): (std): WESSEL PETER
Designated states: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL NO PT RU SE US

373) Family number: 3359985 (DE3237590A1) © PatBase

Title: Device for transporting and for transferring relatively large valuable objects

Abstract: Device for transporting and for transferring relatively large valuable objects, in particular transport containers for money, from an unsecured zone to a secured zone by means of a slewing device, comprising a rotating disc and, arranged thereon, a box which has an orifice on the one side while being closed in its remaining region and on the top side. The rotating disc, together with the box, is enclosed by a tunnel-shaped housing which has orifices on two opposite sides. The orifices correspond in their size at least approximately to the clear opening of the receiving orifice of the box, while the tunnel walls enclose, at least partially, the rotating disc and the box walls. The box has the approximate shape of a drum.

Classifications:
International (IPC 8-9): E05G7/00 (Advanced/Invention);
E05G7/00 (Core/Invention)
International (IPC 1-7): B65G47/74
CPC: E05G7/007
European: E05G7/00D4B



Family:

Publication number	Publication date	Application number	Application date
DE3237590 A1	19840412	DE19823237590	19821009

Priority:

DE19823237590 19821009

Probable Assignee: SICHERHEITS UND BANKEINRICHTUN

Assignee(s): (std): SICHERHEITS U BANKEINRICHTUN ; SICHERHEITS UND BANKEINRICHTUN
Assignee(s): SICHERHEITS UND BANKEINRICHTUNGEN OSTERTAG WERKE GMBH
Inventor(s): (std): JOAS HERMANN

374) Family number: 55127989 (CO6680076U) © PatBase

Title: BARRA DE SEGURIDAD REUTILIZABLE PARA LA PROTECCION DE PUERTAS DE CONTENEDORES DE CARGA, FURGONES O DE CUALQUIER OTRO MEDIO DE TRANSPORTE SAFETY BAR FOR THE PROTECTION OF REUSABLE CONTAINER CARGO DOORS, VAN OR ANY OTHER MEANS OF TRANSPORTATION (Machine translation)

Abstract: Source: CO6680076U [ES] La presente invencion se desarrolla en el campo de la ingenieria mecanica y electronica, y proporciona una novedosa alternativa para asegurar la carga transportada por cualquier unidad de transporte terrestre, maritimo o aereo, desde sitios remotos. Particularmente, la alternativa consiste en una barra de seguridad dispuesta de manera especifica sobre las barras verticales centrales de las puertas del contenedor de carga determinado, la cual ademas de asegurar la puertas del contenedor permite detectar desde una estacion remota la apertura, cierre y manipulacion de las puertas de contenedores dispuesto sobre cualquier unidad de transporte de carga terrestre, aereo o maritimo, por ejemplo, camiones, furgones, etc., durante su transito y almacenamiento hasta su destino final. La deteccion de la carga se logra en virtud de la disposicion estrategica de sensores como parte de los componentes de la barra de seguridad, y su control a traves de un equipo de transmision por radio frecuencia y sistema de GPS, provisto de una fuente de energia independiente.

Machine translation: The present invention is developed in the field of mechanical engineering and electronics, and provides a new alternative for securing the load carried by any transport unit land, sea or air, from remote sites. Particularly, the alternative is a safety bar arranged to specify the vertical bars on the door center of the freight container determined, which besides assuring the container doors to detect from a remote station the opening and closing manipulation container doors arranged on any cargo transport unit land, air or maritime, for example, trucks, vans, etc., and storage during transit to their final destination. The load detection is achieved under the strategic disposition of sensors as part of the components of the safety bar, and control a computer through radio frequency transmission and GPS system, equipped with a source of energy independent.

Classifications:

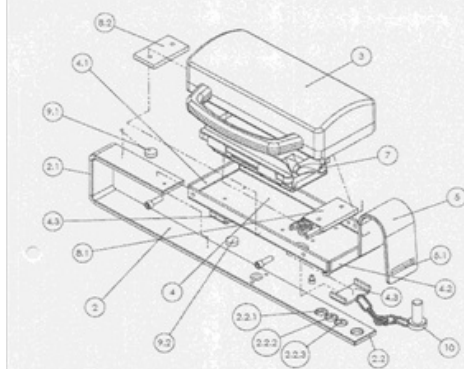


FIGURA 1

Family:

Publication number	Publication date	Application number	Application date
C06680076 U1	20130531	CO20120083996U	20120522

Priority:

CO20120083996U 20120522

Probable Assignee: SATLOCK LOGISTICA Y SEGURIDAD SAS**Assignee(s):** (std): SATLOCK LOGISTICA Y SEGURIDAD SAS**Assignee(s):** SATLOCK LOGISTICA Y SEGURIDAD SAS SIGLA SATLOCK SAS**Inventor(s):** (std): JINETE JAIME JOSE**375) Family number: 34858992 (US2007161907A)**

© PatBase

Title: MICRO VEIN ENHANCER

Abstract: The present invention is a Miniature Vein Enhancer that includes a Miniature Projection Head. The Miniature Projection Head may be operated in one of three modes, AFM, DBM, and RTM. The Miniature Projection Head of the present invention projects an image of the veins of a patient, which aids the practitioner in pinpointing a vein for an intravenous drip, blood test, and the like. The Miniature projection head may have a cavity for a power source or it may have a power source located in a body portion of the Miniature Vein Enhancer. The Miniature Vein Enhancer may be attached to one of several improved needle protectors, or the Miniature Vein Enhancer may be attached to a body similar to a flashlight for hand held use. The Miniature Vein Enhancer of the present invention may also be attached to a magnifying glass, a flat panel display, and the like.

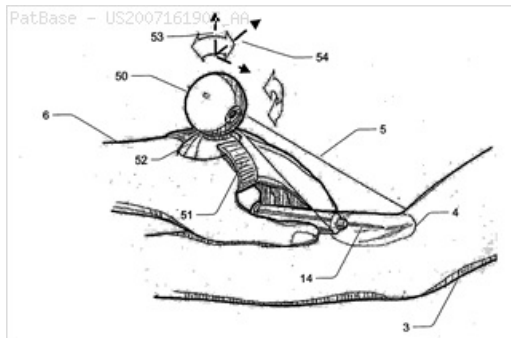
Classifications:

International (IPC 8-9): A61B1/07 A61B17/34 A61B18/20 A61B5/00 A61B5/02 A61B5/024 A61B5/05 A61B5/107 A61B5/117 A61B5/1171 A61B5/1172 A61B5/15 A61B5/153 A61B6/00 A61B6/08 A61B90/98 A61M5/168 A61M5/42 A61M5/46 A61N5/06 E05C1/12 E05C3/00 E05C3/02 G02B26/08 G06F1/28 G06T5/00 H01S3/00 H04N5/225 H04N5/33 H04N7/18 H04N9/31 (Advanced/Invention); A61B19/00 A61B5/024 A61B5/15 A61B90/00 A61M5/168 A61M5/42 (Advanced/Non-invention); A61B5/00 A61B5/05 A61B5/107 A61B6/00 A61M5/42 A61N5/06 E05C3/00 H04N5/225 (Core/Invention); A61B5/15 A61M5/168 (Core/Non-invention)

CPC: A61B5/441 G06F11/3024 G06F11/3062 A61B5/0037 A61B5/0075 A61B5/7475 A61M5/46 A61B5/7239 A61B5/02007 A61B2560/0431 A61B2560/0456 A61B5/15003 A61B5/1172 A61B5/1176 A61B5/72 A61B5/4839 A61B2576/00 A61B5/153 G06T5/009 H04N5/33 Y10T292/0994 Y10T292/1039 E05B41/00 E05B63/20 E05B63/202 E05B65/087 A61B5/0077 A61B5/0088 E05B1/0038 A61B1/00172 A61B1/063 A61B1/0676 A61B5/0084 A61B5/062 A61B5/6831 A61B5/0071 A61B5/6824 A61B5/150343 A61B5/0068 A61B5/743 A61B5/024 A61B17/3403 A61B2562/028 A61B2560/0214 A61B5/0082 A61B2017/3405 H04N9/3176 A61B2019/448 A61B5/004 A61B5/0062 A61B5/0079 A61B5/4887 A61B5/7221 A61B5/150786 A61B5/1455 A61B5/02416 A61M2205/52 A61M2205/609 A61M2205/276 A61M2205/50 A61B5/6887 A61M5/427 A61B90/98 A61B5/0059 A61B1/07 A61B5/748 H04N9/3185 H04N9/3194 A61B2090/366 A61B5/489 A61M5/42 A61B5/0064 A61B5/742 A61B2560/0425 A61B2562/0233 A61B5/150748 A61B5/7495 A61B90/13

European: A61B5/00P A61B5/00P1 A61B5/00P12D A61B5/00P1A A61B5/00P9 A61B5/48Y2 A61B5/68F A61M5/42D E05B1/00D E05B41/00 E05B63/20 G06F11/30A6 G06F11/30E1 H04N5/33 H04N9/31R9P K61B17/34D1 K61B19/44H K61B19/52L4 K61B5/00P1A K61B5/024 K61B5/02D K61B5/153 K61B5/44B K61B560/04B6 K61B560/04D K61B560/04J K61M5/42D P05B63/20B P05B65/08F

US: 1/1 2/181.4 2/183 2/410 2/417 2/425 2/452 292/173 292/173P 292/240 292/240P 292/DIG.2 292/DIG.20 292/DIG.4 292/DIG.47 345/32 348/135 348/136 348/136P 348/137 348/77 348/E05.024 348/E5.024 348/E50.24S 353/10 353/119



353/28 353/39 359/15 359/199.3 359/199.4 359/200.7 359/200.8 359/224.1 362/552 362/553 362/572 600/310 600/310P
600/407 600/407P 600/425 600/425P 600/427 600/427P 600/472 600/473 600/473P 600/474 600/475 600/476 600/476P
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713/340 713/340P

Family:

Publication number	Publication date	Application number	Application date
BRPI0621174 A2	20111206	BR2006PI21174	20061120
CA2635851 AA	20080630	CA20062635851	20061120
CA2677189 AA	20090731	CA20072677189	20071228
CA2677217 AA	20090731	CA20072677217	20071228
DE602006036713 D1	20130801	DE200660036713T	20061120
EP1981395 A2	20081022	EP20060838085	20061120
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JP2009523038 T2	20090618	JP20080548513T	20061120
JP2013240690 A2	20131205	JP20130153035	20130723
JP2015083160 A2	20150430	JP20140252437	20141212
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JP6174006 B2	20170802	JP20140252437	20141212
KR20080091359 A	20081010	KR20087018809	20061120
MX2008008632 A1	20081128	MX20080008632	20061120
TW200840544 A	20081016	TW20080102475	20080123
TW200843703 A	20081116	TW20080102467	20080123
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US2007161907 AA	20070712	US20060478322	20060629
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US20180121668	20180905	US20190238646	20190103		

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Agent(s): GASTLE AND ASSOCIATES; NEUMANN MUELLER OBERWALLENEY AND PARTNER PATENTANWALTE; OBERWALLENEY STEPHAN ET AL; OBERWALLENEY STEPHAN; BODNER AND O'ROURKE; BODNER AND OROURKE; THOMAS A OROURKE BODNER AND OROURKE LLP; ATTN THOMAS A OROURKE BODNER AND OROURKE LLP; THOMAS A OROURKE BODNER AND OROURKE; BODNER AND OROURKE LLP ATTORNEYS AT LAW; ATTENTION THOMAS A OROURKE BODNER AND OROURKE; THOMAS A; BODNER AND OROURKE LLP; BOONER AND OROURKE LLP; BODNER AND O ROURKE LLP; O ROURKE THOMAS A; BOONER AND O ROURKE LLP; OROURKE THOMAS A; O ROURKE THOMAS

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

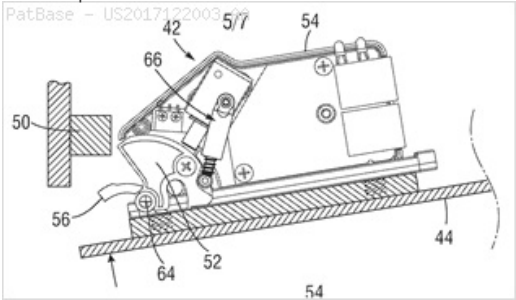
376) Family number: 65565995 (US2017122003A) © PatBase

Title: DEAD-LATCHING SLAM BOLT LOCK

Abstract: There is disclosed a dead-latching slam bolt lock that includes a rotating dead-latching slam bolt which prevents attempts at breaking in without actuating the lock mechanism. A tongue or toggle acted on by the door jamb engages the bolt and initiates rotation thereof in the door closing direction, but is passive in the opening direction. The locking mechanism may be manual or electronic, and controls the position of a blocking element which alternately prevents and permits unlocking (rotation) of the rotating bolt. In a forward or blocking position, the blocking element prevents rotation of the bolt from a locked position, while in a retracted position the blocking element permits rotation of the bolt to an unlocked position. A spring detent plunger holds the rotating bolt in either its locked or unlocked positions.

Classifications:

International (IPC 8-9): E05B15/00 E05B17/20 E05B47/06 E05B63/20 E05B65/00 (Advanced/Invention)
CPC: E05B15/0086 E05B17/2019 E05B63/20 E05B47/0603 E05B65/0075 E05B47/0004 E05B2015/0493



Family:

Publication number	Publication date	Application number	Application date
US2017122003 AA	20170504	US20160280048	20160929

Priority:

US20150248045P 20151029 US20160280048 20160929

Probable Assignee: AMERICAN SECURITY PRODUCTS CO

Assignee(s): (std): AMERICAN SECURITY PRODUCTS CO

Inventor(s): (std): MANIACI ANTHONY C

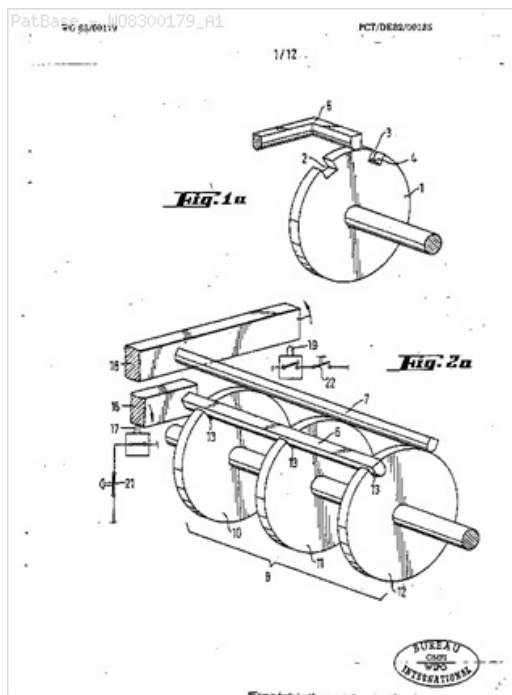
377) Family number: 1991998 (ZA8204665A) © PatBase

Title: SECURITY SYSTEM AND APPARATUS

Abstract: Locking and unlocking system comprising a lock, respectively a combination lock, with several possibilities of actuation, which operate the opening and closing mechanism or several of such locking mechanisms. One or more of these possibilities provide a normal function, whereas other possibilities provide one or more additional functions, for instance operating a particular operator switch (impedance relay), a contact member, such as an alarm contact (4), or sending a particular message which (in addition to the normal alarm) leads to a marking of the content to be protected, respectively of the author of the crime himself. Even with a mechanical locking and with large locking mechanisms, this system can be realized with a minimum of drillings and slots, respectively with a single narrow drilling or slot, performed in the front plates of the door.

Classifications:

International (IPC 8-9): E05B45/06 G08B29/16 (Advanced/Invention); E05B45/00 G08B29/00 (Core/Invention)
International (IPC 1-7): E05B45/06 E05G1/10 E05G5/00 G08B13/00 G08B29/00
CPC: E05B45/061 G08B29/16
European: E05B45/06C G08B29/16



Family:

Publication number	Publication date	Application number	Application date
AU198286858 A1	19830202	AU19820086858	19820630
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Priority:

DE19813125745 19810630 DE19823224473 19820630 WO1982DE00135 19820630

Probable Assignee: STADELMAYR HANS G

Assignee(s): (std): STADELMAYR HANS G ; STADELMAYR HANS GUENTHER ; STADELMAYR HANS GUNTHER

Inventor(s): (std): HANS GUENTHER STADELMAYR ; STADELMAYR H G ; STADELMAYR HANS GUNTHER ; STADELMAYR HANS GUENTHER

Inventor(s): GUENTHER STADELMAYR HANS

Designated states: AT AU BE BR CH FI FR GB HU IT JP KP LI LU NL NO SE SU US