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Search 10: TI=(key* and (head or bow)) and STAC=((plastic* or polymer*)) and PD<20160704 and IC=(E05B) (Results 32)

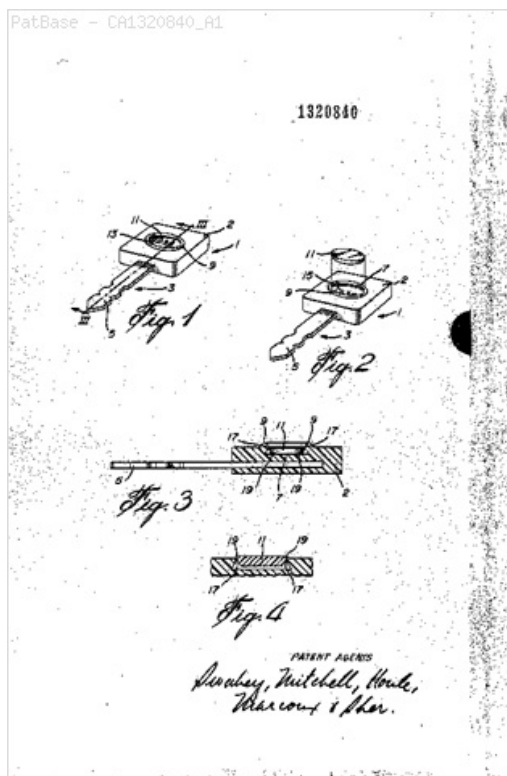
Title: KEY COVER (UNIVERSAL PLASTIC KEY HEAD)

Abstract: A block of synthetic material is molded over the head of a key to surround the head whereby the key is permanently mounted in the block of synthetic material. A depression is molded into one face of the block. A snap-in member is mounted in the depression. Indicia, containing either advertising or identification material, can be imprinted either on the outside surface of an opaque snap-in member, or on the floor of the depression, whereupon the snap-in member will be transparent.

Classifications:

International (IPC 8-9): E05B17/14 (Advanced/Invention);
E05B17/00 (Core/Invention)

International (IPC 1-7): E05B17/14



Family:

Publication number	Publication date	Application number	Application date
CA1320840 A1	19930803	CA19880571905	19880713

Priority:

US19880210429 19880623 CA19880571905 19880713

Probable Assignee: ILCO UNICAN INC

Assignee(s): (std): ILCO UNICAN INC

Assignee(s): TERAUDS JANIS ; BANU ALEXANDRE ; FISH AARON M

Inventor(s): (std): BANU ALEXANDRE ; FISH AARON M ; TERAUDS JANIS

Agent(s): SWABEY OGILVY RENAULT

Title: Halterung fuer einen scheibenfoermigen Koerper, wie Chip oder Muenze an dem Kopf eines Schluessels Mount for a disc-shaped body, such as chip or coin to the **head** of a **key** (Machine translation)

Abstract: Source: DE29611855U1 [DE] (Claim 1) 1. Halterung fuer einen scheibenfoermigen Koerper, wie Chip, Muenze oder Jeton, an dem mit oder ohne Durchbrechung versehenen Schluesselkopf eines Schluessels, dadurch gekennzeichnet, dass die Halterung (10) aus einem der Form und den Abmessungen des Schluesselkopfes (101) des Schluessels (10) entsprechend bemessenen und ausgebildeten, auf den Schluesselkopf (101) aufschiebbaren, ringfoermigen und/oder huellenfoermigen Formkoerper (20) besteht, an dem der scheibenfoermige Koerper (120) mittels Klemmsitz oder vermittels einer Taschenhalterung loesbar angeordnet ist. 2. Halterung nach Anspruch 1, dadurch gekennzeichnet, dass eine der beiden den Schluesselkopf (101) des Schluessels (100) zugekehrten Wandflaechen (20a; 20b) des die Halterung (10) bildenden Formkoerpers (20) mit einer den scheibenfoermigen Koerper (120) aufnehmenden kreisfoermigen oder halbkreisfoermigen Ausnehmung (25) versehen ist, wobei der die Ausnehmung (25) begrenzende, ringfoermig verlaufende Rand (25a) eine obere Randkante (25a') aufweist, die den in die Ausnehmung (25) eingelegten scheibenfoermigen Koerper (120) abschnittsweise (25b) uebergreift.

Machine translation: (Claim 1) 1 Holder for a disk-shaped body, such as chip, coin or token, where, with or without perforation marked Schluesselkopf a **key**, wherein the bracket (10) from one of the shape and dimensions of Schluesselkopfes (101) of the **key** (10) according to sized and trained on the Schluesselkopf (101) push-on, ringfoermigen und / or huellenfoermigen moldings (20) is where the disk-shaped body (120) by means of a clamp or seat bag holder is detachably arranged. Second Bracket according to claim 1, wherein one of the two the Schluesselkopf (101) the **key** (100) facing Wandflaechen (20a, 20b) of the bracket (10) forming shaped articles (20) with the disk-shaped body (120) aufnehmenden kreisfoermigen or semi-circular recess (25) is provided, wherein the recess (25) delimiting a ring extending edge (25a) has an upper peripheral edge comprising (25a'), which overlaps the disk-in die Ausnehmung (25) inserted body (120) sections (25b).

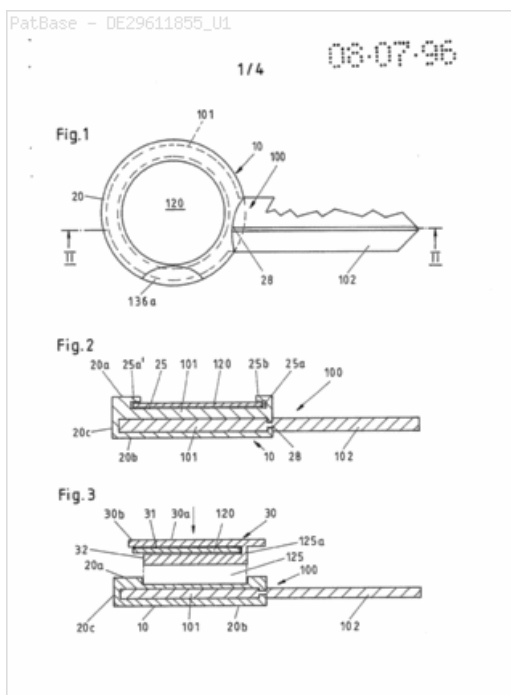
Classifications:

International (IPC 8-9): E05B19/00 G07F1/06 (Advanced/Invention); E05B19/00 G07F1/00 (Core/Invention)

International (IPC 1-7): E05B19/00 G07F1/06

CPC: E05B19/00 G07F1/06

European: E05B19/00 G07F1/06



Family:

Publication number	Publication date	Application number	Application date
DE29611855 U1	19960905	DE19962011855U	19960708

Priority:

DE19962011855U 19960708

Probable Assignee:

BENKHARDT AXEL

Assignee(s): (std):

BENKHARDT AXEL

Assignee(s):

BENKHARDT AXEL 22587 HAMBURG DE

Title: **KEY** WITH AN IMPROVED ATTACHMENT MECHANISM OF A SEALING CAP FOR AN ENCLOSURE IN THE **HEAD** OF THE **KEY**

Abstract: The **key** has a moulded **plastic head** (14) with an internal passage (30) to accept the end (28) of the **key** shank (12). The shank of the **key** is fixed in the passage by transverse pins (32) that pass through (24) the moulded **plastic head**, engaging with notches (34,36) formed on either side of the shank. A compartment (42) is formed inside the moulded **key head** to accept an electronic circuit (40). This compartment lies parallel to the passage accepting the **key** shank. A moulded cover (46) clips in place to cover the electronic circuit. The inner part of the cover has a tongue (50) that lies parallel to the **key** shank. The tongue has a notch (54) on its underside to engage with the upper of the transverse pins when the **key** is assembled.

Classifications:

International (IPC 8-9): E05B19/10 G07C9/00 (Advanced/Invention); E05B19/00 G07C9/00 (Core/Invention)

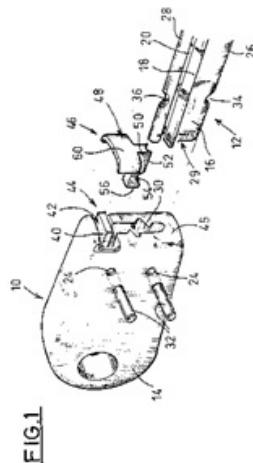
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CPC: G07C9/00944 E05B19/04

European: G07C9/00E22

PatBase - EP0742330_A1

EP 0 742 330 A1



Family:

Publication number	Publication date	Application number	Application date
CN1099520 C	20030122	CN19961006243	19960509
CN1142000 A	19970205	CN19961006243	19960509
EP0742330 A1	19961113	EP19960400983	19960509
FR2734012 A1	19961115	FR19950005696	19950511
FR2734012 B1	19970606	FR19950005696	19950511

Priority:

FR19950005696 19950511

Probable Assignee: ANTIVOLS SIMPLEX SA

Assignee(s): (std): ANTIVOLS SIMPLEX SA ; SIMPLEX ANTIVOL

Assignee(s): ANTIVOL SIMPLEX ; ANTIVOLS SIMPLEX

Inventor(s): (std): SYLVAIN LONGEAUX JEAN ; LONGEAUX JEAN SYLVAIN

Inventor(s): JEAN SYLVAIN LONGEAUX

Designated states: DE ES GB IT

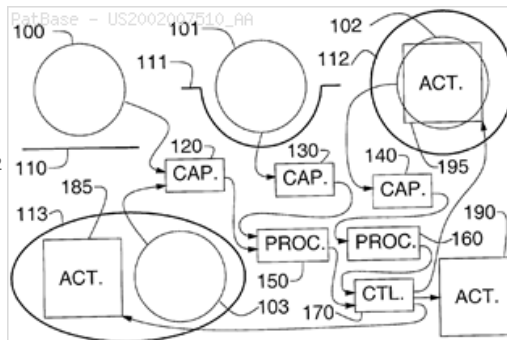
Title: Smart bathroom fixtures and systems

Abstract: Image sensors, processors, and control systems facilitate automatic sensor operated bathroom fixtures, systems for controlling bathroom fixtures, and methods of bathroom fixture design, control, and management, as well as the control and management of hygiene and water resources. The networked plumbing systems also help facility managers and law enforcement personnel monitor the operation of various bathrooms in a facility or at remote facilities. Image sensors are used for controlling several showers, faucets, urinals, or water closets in large bathroom complexes. Image based intelligent bathroom fixtures and systems help enhance the privacy of users by ensuring that law abiding users need not be disturbed by police foot patrols into the restroom areas, or by security guards entering simply to make inspections. An aquionics bathroom control system of the invention maintains the cleanliness, safety, security, and privacy of the occupants in a smart bathroom environment. Additionally, in some embodiments, a bathroom facility of the invention may be used for mass decontamination during times of emergency for processing victims of a nuclear, biological, or chemical incident. Once ubiquitously installed for routine control of fixtures, the apparatus facilitates a secondary usage such as monitoring by triage staff, medical personnel, decontamination officers, or law enforcement officers during times of terrorist consequence management.

Classifications:

International (IPC 8-9): A45C1/06 A45C13/18 A47K3/28 A61B5/00

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G02C11/06 G02C7/02 G02C7/04 G02C7/10 G02C9/00 G02F1/01
G03B1/00 G03B13/02 G03B13/04 G03B13/06 G03B13/16 G03B15/02
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A63H30/04 G02B27/00 G06T1/00 H04N5/92 H04N7/15 (Advanced/Non-invention);
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A63H30/00 (Core/Non-invention)



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A63H30/00 (Core/Non-invention)

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European: A47K3/28C3 A63H30/04 B62D1/00 B64F1/36C E03C1/05 E03C1/05D2 E03D5/10B E03D9/00D E04H1/12F
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396/374P 396/661 396/661P 4/300 4/300P 702/187 702/187P

Locarno class: 00/43

Family:

Publication number	Publication date	Application number	Application date
AT241245 E	20030615	AT19990910052T	19990325
AT242573 E	20030615	AT19990908727T	19990325
AU199928239 A1	19991018	AU19990028239	19990325
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EP1064783 A1	20010103	EP19990908727	19990325
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EP1066717 A1	20010110	EP19990910052	19990325
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GB2370958 A1	20020710	GB20020003423	19990202
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WO9949655 A1	19990930	WO1999CA00248	19990325
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Priority:

CA19982228403	19980202	CA19982233047	19980315	CA19982233047	19980325
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Probable Assignee: MANN WILLIAM S G

Assignee(s): (std): MANN W S G ; MANN W STEPHAN G ; MANN W STEPHEN G ; STEPHEN G MANN W ; MANN W STEVE G ; MANN WILLIAM S G ; MANN WILLIAM STEPHEN GEORGE ; MANN STEVE

Assignee(s): W STEPHEN G MANN ; MANN W ; WILLIAM STEPHEN GEORGE MANN

Inventor(s): (std): W STEPHEN G MANN ; MANN WILLIAM STEPHEN GEORGE ; MANN W STEVE G ; MANN W STEPHEN G ; MANN STEVE G ; MANN STEVE

Inventor(s): MANN W ; WILLIAM STEPHEN GEORGE MANN

Agent(s): SMART AND BIGGAR; NA

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY 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 UZ VN YU ZW

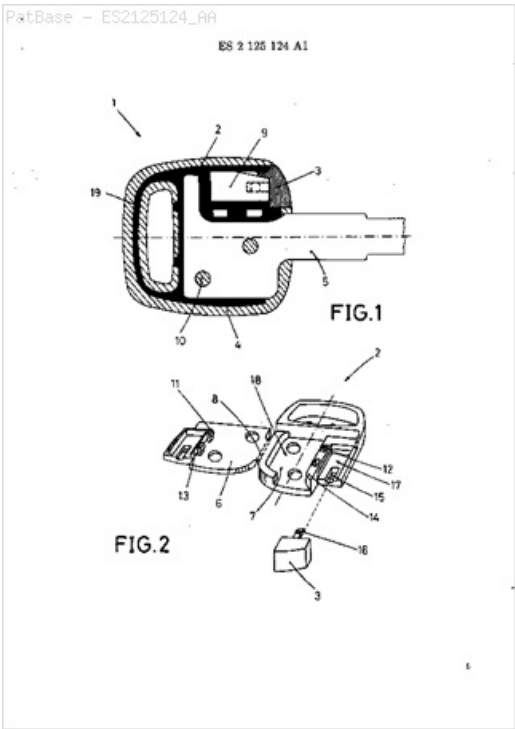
Title: Assembly for fitting an electronic component in the **head** of a **key**

Abstract: It is characterized in that it comprises at least one internal piece 2 of hard thermoplastic material in which are defined housings 17, 18 for the electronic component 9 and for the metallic part 5 of the **key**. The secure nature of the assembly is guaranteed and at the same time the **head** of the **key** is allowed to have the pleasant feel of a soft material and it complies with the requirements of automotive-type regulations.

Classifications:

International (IPC 8-9): E05B19/00 E05B49/00 (Advanced/Invention);
E05B19/00 E05B49/00 (Core/Invention)

International (IPC 1-7): E05B19/00 E05B49/00



Family:

Publication number	Publication date	Application number	Application date
ES2125124 AA	19990216	ES19940002416	19941124
ES2125124 BA	19991016	ES19940002416	19941124

Priority:

ES19940002416 19941124

Probable Assignee: VALEO SISTEMAS DE SEGURIDAD S

Assignee(s): (std): VALEO SISTEMAS DE SEGURIDAD S

Assignee(s): VALEO SISTEMAS DE SEGURIDAD S A

Inventor(s): (std): GARRALAFa LUIS FERNANDO ; MIRA ALMENDROS RAFAEL

Title: **KEY**, PARTICULARLY FOR MOTOR VEHICLES, WITH REMOTE CONTROL CASE FORMING **HEAD** AND RETRACTABLE INSERT

Abstract: The **key** has a radio-controlled box (2) with two half shells (3a,3b), with an insert (1) forming a web mounted pivotally around the box axis, between a position, where it is retractable, or a utilization position where it is extended w.r.t the box. There is a mechanism which is mounted on the box and which is elastically returns the insert to the exit position, under the effect of the button pusher (25) by an operator. There is a battery (9) in the interior of the half shells and in which the different elements (10,16,17,25) define a pivoting axis. The insert return mechanism is mounted between the bottom and one of the half-shells and a supporting wall (29) which this half-shell presents at the right of this bottom, these different elements are maintained between the bottom and this wall (29) when the two half-shells are open, especially for changing the battery.

Classifications:

International (IPC 8-9): A45C11/32 E05B19/04 E05B49/00 G07C9/00 (Advanced/Invention);

A45C11/00 E05B19/00 G07C9/00 (Core/Invention)

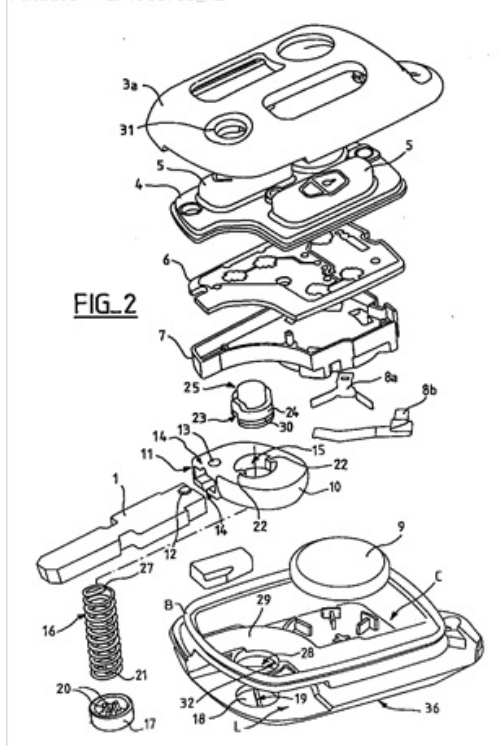
International (IPC 1-7): A45C11/32 E05B19/00 E05B19/04 E05B47/00 E05B49/00 E05B65/12

CPC: G05G1/02 G07C9/00944 A45C11/324 E05B19/043

G07C2009/00952

European: A45C11/32P E05B19/04P G07C9/00E22 S07C9/00E22A

PatBase - EP0985788_A1



Family:

Publication number	Publication date	Application number	Application date
DE69911132 D1	20031016	DE19996011132	19990807
DE69911132 T2	20040708	DE19996011132T	19990807
DE69911132 T3	20120308	DE19996011132T	19990807
EP0985788 A1	20000315	EP19990115644	19990807
EP0985788 B1	20030910	EP19990115644	19990807
EP0985788 B2	20110928	EP19990115644	19990807
ES2210917 T3	20040701	ES19990115644T	19990807
ES2210917 T5	20111202	ES19990115644T	19990807
FR2783011 A1	20000310	FR19980011202	19980908
FR2783011 B1	20001201	FR19980011202	19980908

Priority:

FR19980011202 19980908 EP19990115644 19990807

Probable Assignee: VALEO SECURITE HABITACLE

Assignee(s): (std): VALEO ELECTRONIQUE ; VALEO SECURITE HABITACLE

Assignee(s): VALEO SECURITE HABITACLE CRETE ; VALEO SECURITE HABITACLE CRETEIL

Inventor(s): (std): MOIZEAU GERARD

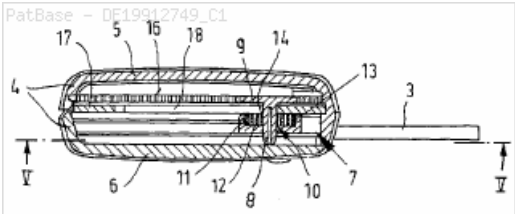
Agent(s): JACQUOT LUDOVIC R G

Designated states: DE ES GB IT

Title: DOOR LOCK KEY WITH RETRACTABLE KEY SHAFT BIASED INTO EXTENDED POSITION BY SPRING WITH COG WHEEL PROVIDED BY HEAD PART OF KEY SHAFT COOPERATING WITH LINEAR TOOTHED RACK

Abstract: The key has a grip part (2) and a key shaft (3 which can be retracted within the housing (4) of the grip part when not in use, with locking of the key shaft in its retracted or extended position. The key shaft has an attached head part (7) lying within the housing of the grip part, provided with a cog wheel (9), displaced along a linear toothed rack (16). The key shaft is acted on by a spring (12), which is tensioned upon the retraction of the key shaft, for biasing the latter into the extended position.

Classifications:
International (IPC 8-9): A45C11/32 E05B19/04 (Advanced/Invention);
A45C11/00 E05B19/00 (Core/Invention)
International (IPC 1-7): E05B19/00
CPC: A45C11/328 E05B19/046
European: A45C11/32T2 E05B19/04S



Family:

Publication number	Publication date	Application number	Application date
DE19912749 C1	20001102	DE19991012749	19990322

Priority:

DE19991012749 19990322

Probable Assignee: VALEO GMBH AND CO SCHLISSYST KG
Assignee(s): (std): VALEO GMBH AND CO SCHLISSYST KG
Assignee(s): VALEO GMBH AND CO SCHLISSYSTEME KG
Inventor(s): (std): SCHWAB DITTMAR

Title: Halterung fuer einen scheibenfoermigen Koerper, wie Chip oder Muenze an dem Kopf eines Schluessels Support for a disk-shaped body, such as chip or coin on the **head** of a **key** (Machine translation)

Abstract: Source: DE20112983U1 [DE] (Claim1) Ansprueche Schluessel (100) mit einer Halterung fuer einen scheibenfoermigenKoerper, wie Chip, Muenze oder Jeton, an dem mit oder ohne Durch- bohrung versehenen Schluesselkopf eines Schluessels, dadurch gekennzeichnet, dass die Halterung (110) aus einem auf der Oberflaeche (101 a) min- destens einer der beiden Seiten des Schluesselkopfes (101) oder umlaufend oder teilumlaufend am Rand (101b) des Schluesselkopfes (101) angeordneten, ringfoermigen oder teilringfoermigen Formkoerper (111) mit einem den auf dem Schluesselkopf (101) liegenden schei- benfoermigen Koerper (120) in seinem Randbereich abschnittsweise uebergreifenden Abschnitt (111a) besteht und mittels einer Kleb-,Schweiss-oder Klemmverbindung an dem Schluesselkopf (101) ge- halten oder aus dem Material des Schluesselkopfes (101) geformt und mit diesem einstueckig ausgebildet ist 2.

Machine translation: (Claim1) requirements **key** (100) by a mounting plate for a disk-shaped body, like chip, coin or Jeton, to by or without by drilling provided **key head** of a **key**, by the fact characterized that the mounting plate (110) from one on the surface (101 A) min destens one of the two sides of the **key head** (101) or circulating or part-circulating at the edge (101b) of the **key head** (101) arranged, circular or part-circular molded article (111) with schei benfoermigen body (120) in its boundary region, lying on the **key head** (101) and holds by means of a sticking, sweat or compression joint at the **key head** (101) exists in sections spreading section (111a) ge or formed out of the material of the **key head** (101) and with this einstueckig trained is 2.

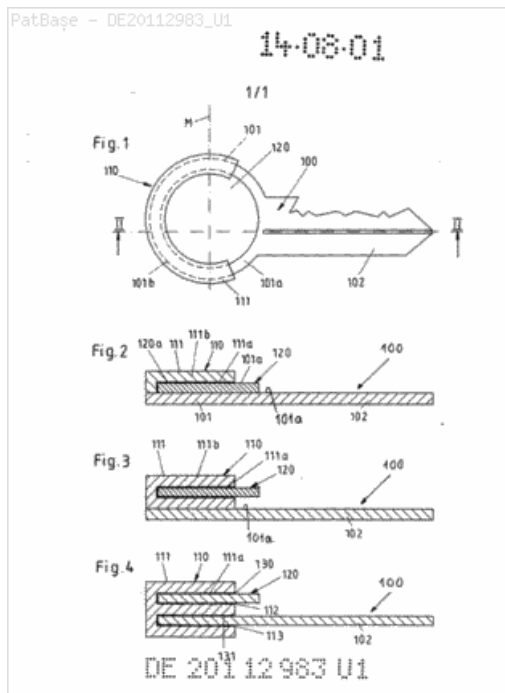
Classifications:

International (IPC 8-9): A45C1/02 E05B19/00 (Advanced/Invention); E05B19/04 (Advanced/Non-invention)

International (IPC 1-7): A45C1/00 E05B19/02

CPC: A45C1/02 A45C2001/104 E05B19/00 E05B19/04

European: A45C1/02 E05B19/00 K45C1/10R2 P05B19/04



Family:

Publication number	Publication date	Application number	Application date
DE20112983 U1	20011004	DE20012012983U	20010813

Priority:

DE20012012983U 20010813

Probable Assignee:

BENKHARDT AXEL

Assignee(s): (std):

BENKHARDT AXEL ; HACK ANDREAS

Title: KEY WITH METALLIC STEM AND PLASTIC CASING COMPRISING A LOCKING HOUSING

Abstract: The key designed to mechanically actuate a lock comprises a metallic stem (1) with a longitudinal axis (2) and a plastic casing (3) rigidly connected to one end of the said stem. The casing of this key consists of a lower half casing (4) connected to the stem by a link (5) free to slide along the said longitudinal axis and an upper half casing (6) that is rigidly connected to the lower half casing and that comprises a post (7) perpendicular to the longitudinal axis that fits into a corresponding hole in the said stem to prevent any translation movement between the stem and the casing along the said longitudinal axis. With this layout, the lower half casing alone resists the torsion torque applied to the casing by the stem when a lock is being opened, without the addition of any other connecting part between the stem and the lower half casing, which significantly reduces the manufacturing cost of such a key and avoids the use of any visible part that could modify the style and appearance of the key.

Classifications:

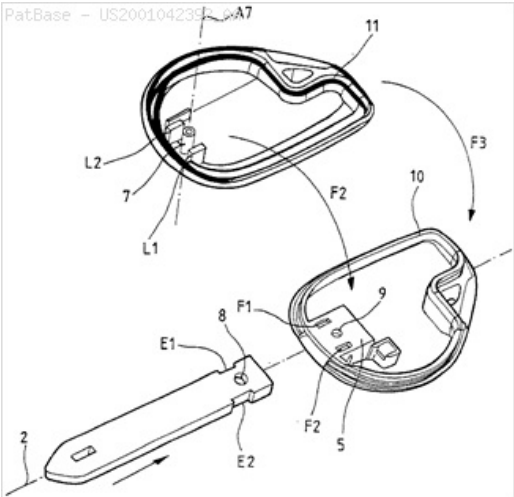
International (IPC 8-9): E05B19/04 E05B19/10 (Advanced/Invention); E05B19/00 (Core/Invention)

International (IPC 1-7): E05B19/00 E05B19/04 E05B19/04 E05B19/10

CPC: Y10T70/7876 E05B19/04

European: E05B19/04

US: 70/408 70/408P



Family:

Publication number	Publication date	Application number	Application date
DE60101974 D1	20040318	DE20016001974	20010425
DE60101974 T2	20050105	DE20016001974T	20010425
EP1154104 A1	20011114	EP20010401070	20010425
EP1154104 B1	20040211	EP20010401070	20010425
ES2215115 T3	20041001	ES20010401070T	20010425
FR2808830 A1	20011116	FR20000005871	20000509
FR2808830 B1	20021206	FR20000005871	20000509
US2001042392 AA	20011122	US20010842677	20010427

Priority:

FR20000005871 20000509

Probable Assignee: VALEO SECURITE HABITACLE

Assignee(s): (std): VALEO SECURITE HABITACLE ; VALEO SECURITE HABITACLE S A S ; VALEO SECURITE HABITACLE SAS

Assignee(s): MEYNIER CYRIL ; VALEO SECURITE HABITACLE S A S CRETEIL

Inventor(s): (std): MEYNIER CYRIL

Inventor(s): CYRIL MEYNIER

Agent(s): VALEO SECURITE HABITACLE

Designated states: DE ES FR GB IT

Title: Customizable **key** blank

Abstract: The **key** blank, e.g. for making a copy of an existing **key**, consists of a **head** (1) and shank (2), the **head** having at least one hole (6) for fitting protective covers over labels (7) e.g. of paper, card, **plastic** or aluminium, printed or marked for individual identification. The labels are set in recesses (4) in the **key head** and fitted with protective covers (10) e.g. of transparent **plastic** with fastenings (11, 12) that engage through the holes (6). The covers can be shaped to act as magnifying lenses.

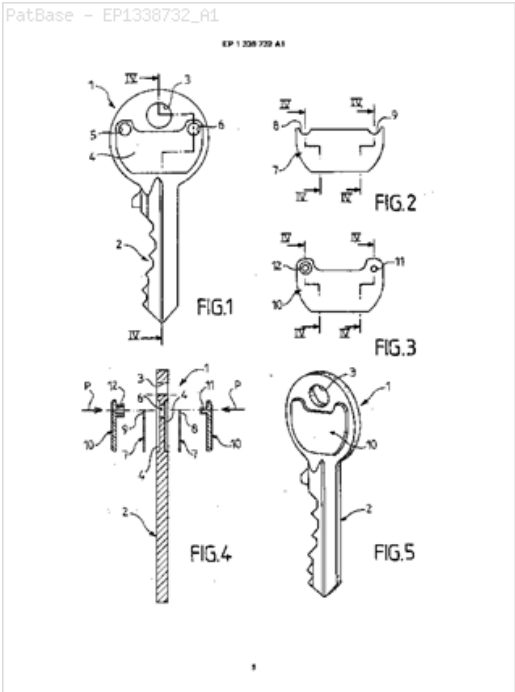
Classifications:

International (IPC 8-9): E05B19/24 (Advanced/Invention);
E05B19/00 (Core/Invention)

International (IPC 1-7): E05B19/24

CPC: E05B19/24

European: E05B19/24



Family:

Publication number	Publication date	Application number	Application date
EP1338732 A1	20030827	EP20030290394	20030218
FR2836174 A1	20030822	FR20020002117	20020220
FR2836174 B1	20040820	FR20020002117	20020220

Priority:

FR20020002117 20020220

Probable Assignee: JMA FRANCE

Assignee(s): (std): JMA FRANCE

Inventor(s): (std): BAU CLAUDIO ; CONFLITTI ERIC

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR