

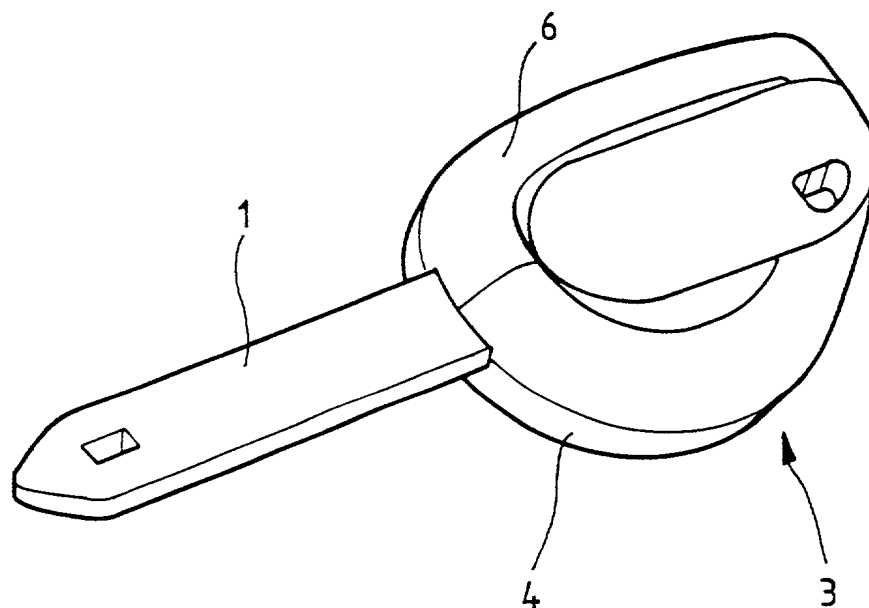
8 Documents

Publication numbers	Title	Current assignees
EP1154104 A1	Key with metal shank and plastic head comprising a blocking case	VALEO SECURITE HABITACLE
FR2783011 A1	Key, particularly for motor vehicles, with remote control case forming head and retractable insert and method of its construction	VALEO SECURITE HABITACLE
ES1052364U U	Key with removable head	CERDAN MARTIN TOMAS
FR2877381 A1	Electronic key for controlling lock's cylinder, has key-bit extended by head defining central space in which transponder emitting encoded signal is housed, where encoded signal is adapted to control lock of an entrance door	DENY FONTAINE SOC PAR ACTIONS
FR2877380 A1	Electronic key for controlling lock's cylinder, has key-bit extended by head defining central space in which transponder emitting encoded signal is housed, where encoded signal is adapted to control lock of entrance door	DENY FONTAINE
FR2836174 A1	Customizable key blank	JMA FRANCE
FR2899264 A1	Key designed to be assembled with a lamp and luminous key	BASCOUL OLIVIER, ...
DE20112983 U1	Mounting Plate for a disk-shaped Body, like Chip or Coin at the Head of a Key	BENKHARDT AXEL, ...

Family 1/8 - FAMPAT - ©Questel

Title

(EP1154104)

Key with metal shank and **plastic head** comprising a blocking case**Images**FIG_1**Publication data including kind & date**

EP1154104	A1	2001-11-14	EP1154104
FR2808830	A1	2001-11-16	FR2808830
US20010042392	A1	2001-11-22	US20010042392
FR2808830	B1	2002-12-06	FR2808830
EP1154104	B1	2004-02-11	EP1154104
DE60101974	D1	2004-03-18	DE60101974
ES2215115	T3	2004-10-01	ES2215115
DE60101974	T2	2005-01-05	DE60101974

**Abstract**

(EP1154104)

The **key** consists of a metal shank (1) with a lengthwise axis (2), and a **plastics** holder (3) made from two half-shells. The lower half-shell (4) is connected to the shank by a sliding coupling (5) in line with the lengthwise axis, while the upper half-shell (6) is connected rigidly to the lower one and has a lug (7) lying perpendicular to the axis which passes through holes (8,9) in the lower half-shell and shank and locks the sliding joint. The **key** holder has an inner cavity (E) for an infrared remote control unit.

Inventors

MEYNIER CYRIL

Latest standardized assignees - inventors removed

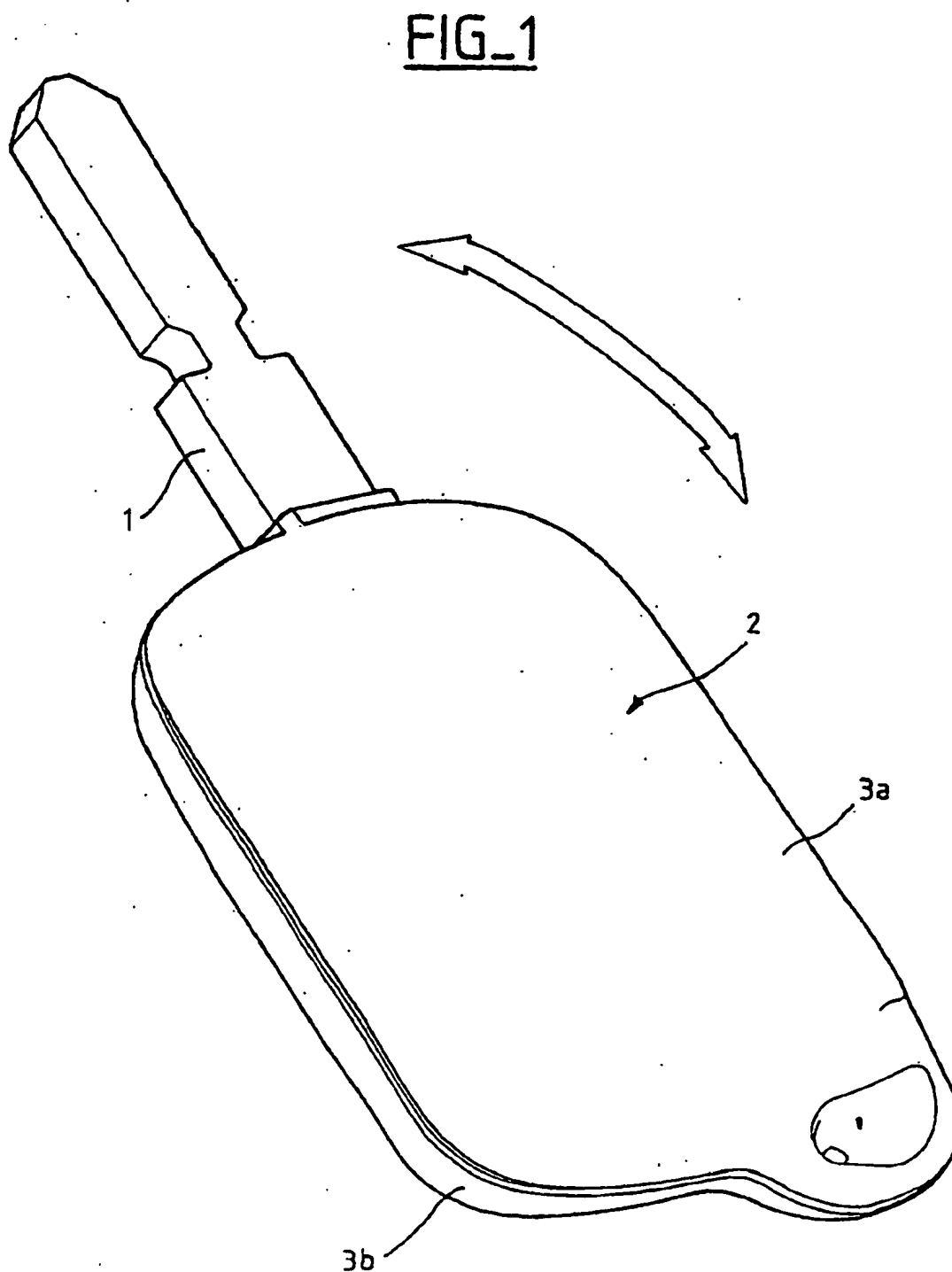
VALEO SECURITE HABITACLE

Family 2/8 - FAMPAT - ©Questel

Title

(EP-985788)

Key, particularly for motor vehicles, with remote control case forming head and retractable insert and method of its construction

Images**Publication data including kind & date**[FR2783011](#)

A1 2000-03-10

FR2783011

[EP0985788](#)

A1 2000-03-15

EP-985788



FR2783011	B1	2000-12-01	FR2783011
EP0985788	B1	2003-09-10	EP-985788
DE69911132	D1	2003-10-16	DE69911132
ES2210917	T3	2004-07-01	ES2210917
DE69911132	T2	2004-07-08	DE69911132
EP0985788	B2	2011-09-28	EP-985788
ES2210917	T5	2011-12-02	ES2210917
DE69911132	T3	2012-03-08	DE69911132



Abstract

(EP-985788)

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.

Inventors

MOIZEAU GERARD

Latest standardized assignees - inventors removed

VALEO SECURITE HABITACLE

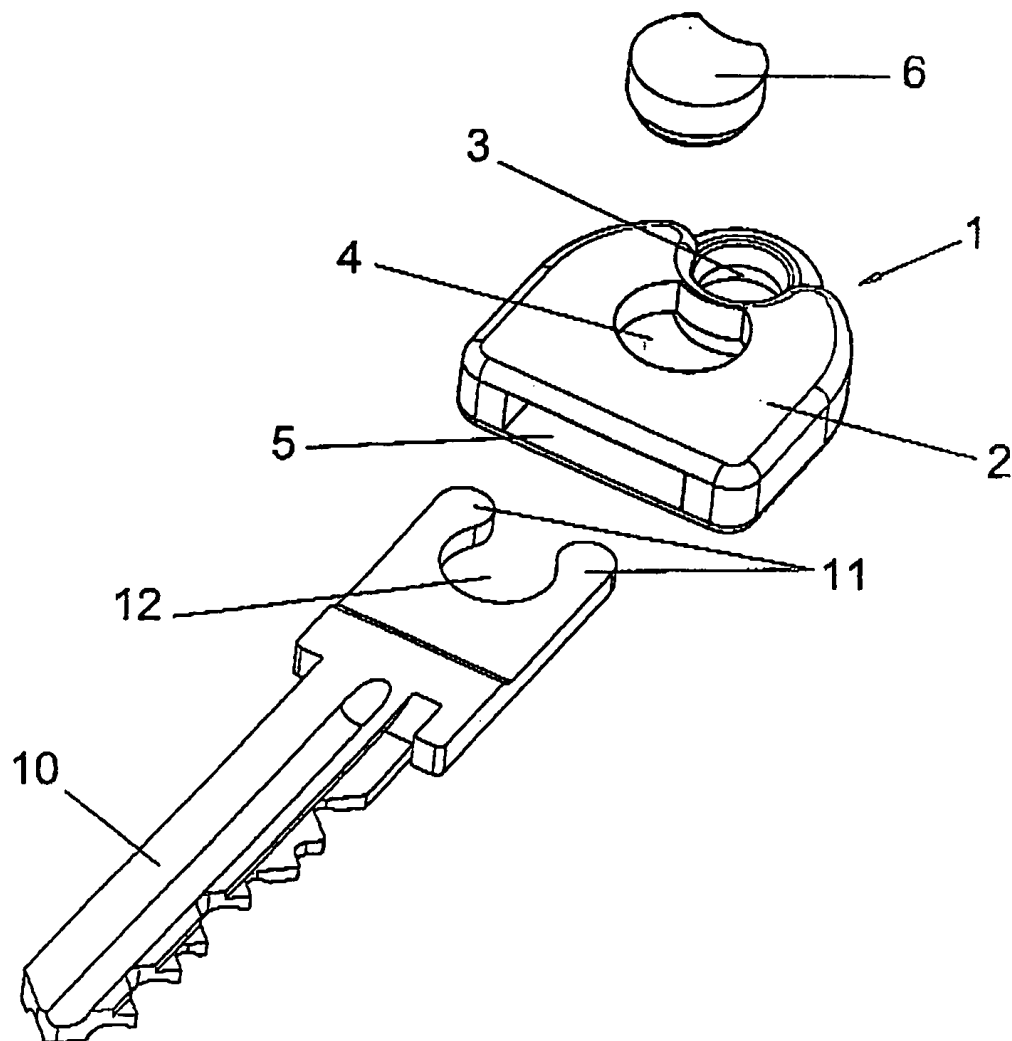
Family 3/8 - FAMPAT - ©Questel

Title

(EP1550782)

Key with removable **head**

Images



Publication data including kind & date

ES1052364	U	2002-12-16	ES1052364U
ES1052364	Y	2003-04-01	ES1052364Y
WO2004001164	A1	2003-12-31	WO200401164
CA2490618	A1	2003-12-31	CA2490618
AU2003238099	A1	2004-01-06	AU2003238099
IN0732/MUMNP/2004	A	2005-02-18	IN2004MN00732
NO20050017	A	2005-02-21	NO200500017
MXPA05000169	A	2005-04-08	MX2005PA000169
EP1550782	A1	2005-07-06	EP1550782
RU2005101347	A	2005-07-10	RU2005101347
PL373167	A1	2005-08-22	PL2003373167
CN1671937	A	2005-09-21	CN1671937
US20050217327	A1	2005-10-06	US20050217327
JP2005530070	A	2005-10-06	JP2005530070
KR20060009798	A	2006-02-01	KR20060009798
BRPI0311979	A1	2007-02-21	BR200311979
IN246177	B	2011-02-25	IN-246177
BRPI0311979	A2	2016-06-21	BR200311979



Abstract

(EP1550782)

A **key** with a detachable **head** consisting of incorporating projections (11) on the end of the shaft (10), to which projections a **head** (1) is coupled by means of a slot (5), which **head** is formed by a body (2) provided in its central area with a perforation (4) provided with a stop (6) which retains the shaft (10) to the **head** (1), and vice versa. <IMAGE>

Inventors

CERDAN MARTIN TOMAS

FRIAS FRIAS ANTONIO

Latest standardized assignees - inventors removed

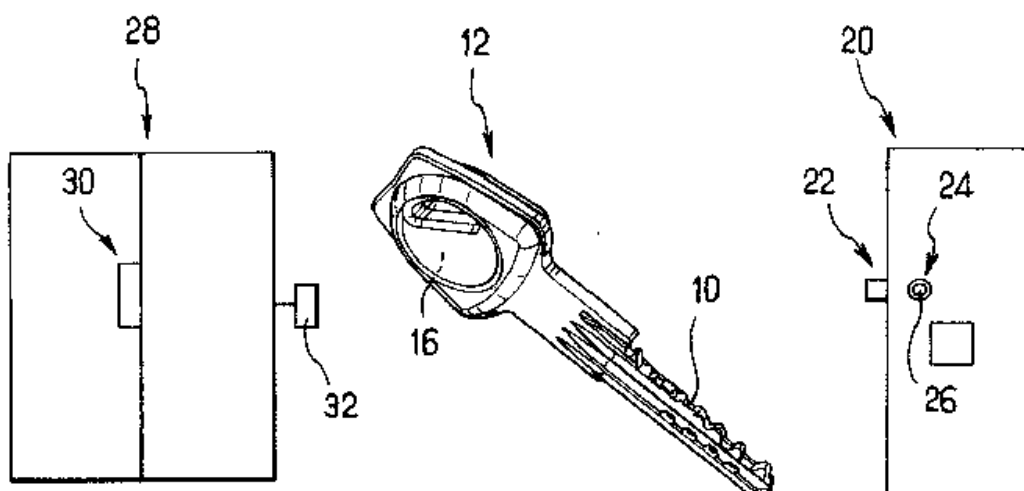
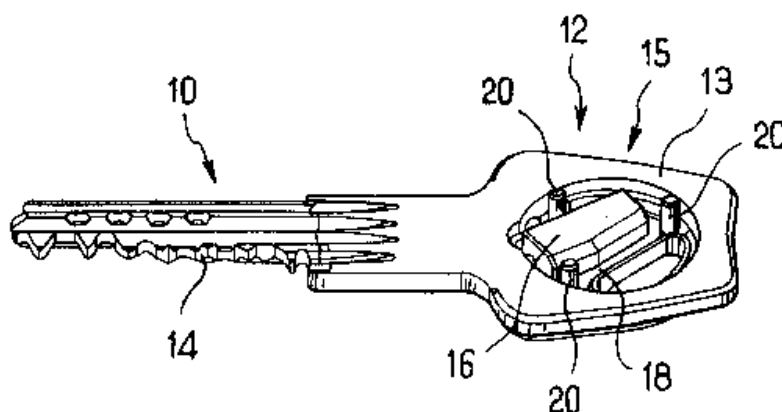
CERDAN MARTIN TOMAS

Family 4/8 - FAMPAT - ©Questel

Title

(FR2877381)

Electronic **key** for controlling lock's cylinder, has **key**-bit extended by **head** defining central space in which transponder emitting encoded signal is housed, where encoded signal is adapted to control lock of an entrance door

Images

Publication data including kind & date

FR2877381	A1	2006-05-05	FR2877381
FR2877381	B1	2008-07-11	FR2877381

**Abstract**

(FR2877381)

The **key** has a **key**-bit (10) extended by a **head** (12) defining a central space (15) in which a transponder (16) emitting an encoded signal is housed. A mechanical coding unit (14) of the **key**-bit cooperates with a mechanical locking unit for actuating a cylinder between a locking position and an unlocking position of a lock. The encoded signal is adapted to control another lock of an entrance door.

Inventors

MIKA FREDDY

DUPRE PHILIPPE

Latest standardized assignees - inventors removed

DENY FONTAINE SOC PAR ACTIONS

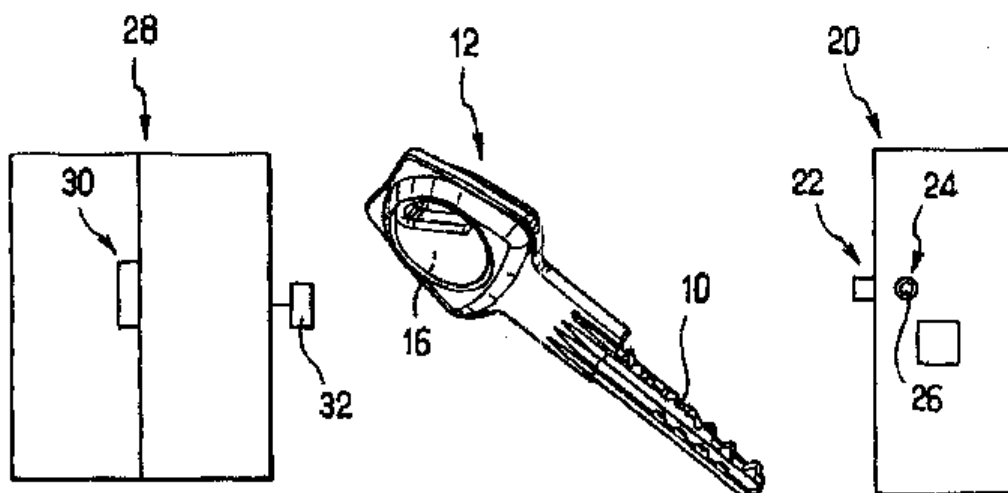
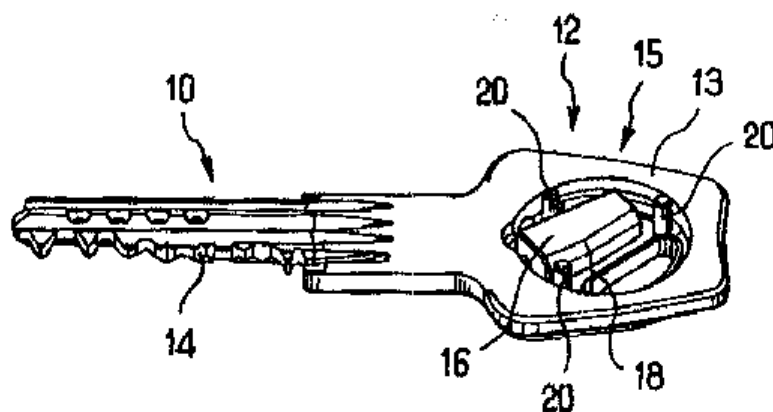
Family 5/8 - FAMPAT - ©Questel

Title

(FR2877380)

Electronic **key** for controlling lock's cylinder, has **key**-bit extended by **head** defining central space in which transponder emitting encoded signal is housed, where encoded signal is adapted to control lock of entrance door

Images



Publication data including kind & date

FR2877380	A1	2006-05-05	FR2877380
FR2877380	B1	2011-04-15	FR2877380



Abstract

(FR2877380)

The **key** has a **key-bit** (10) extended by a **head** (12) defining a central space (15) in which a transponder (16) emitting an encoded signal is housed. A mechanical coding unit (14) of the **key-bit** cooperates with a mechanical locking unit for actuating a cylinder between a locking position and an unlocking position of a lock. The encoded signal is adapted to control another lock of an entrance door.

Inventors

MIKA FREDDY
DUPRE PHILIPPE

Latest standardized assignees - inventors removed

DENY FONTAINE

Family 6/8 - FAMPAT - ©Questel

Title

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.

Inventors

BAU CLAUDIO

CONFLITTI ERIC

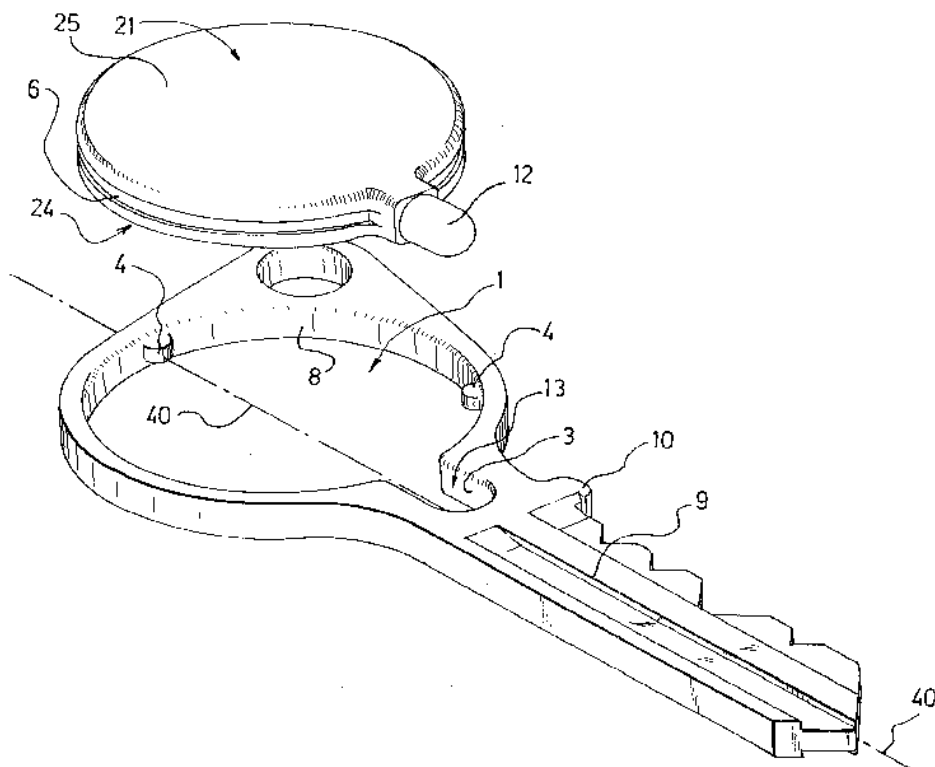
Latest standardized assignees - inventors removed

JMA FRANCE

Family 7/8 - FAMPAT - ©Questel

Title

(WO2007118974)

Key designed to be assembled with a lamp and luminous **key****Images****Publication data including kind & date**[FR2899264](#)

A1 2007-10-05

FR2899264

[WO2007118974](#)

A1 2007-10-25

WO2007118974

**Abstract**

(WO2007118974)

The invention concerns a **key** comprising a **head** and a stem (9), designed to be assembled with a lamp comprising a light-emitting diode (12) and a flat battery. The **head** of the **key** has a lumen (1) provided through the thickness of the **key** designed to receive a housing (21) containing the battery and the light-emitting diode in a radially projecting recess (13). The invention also concerns the luminous **key** obtained by assembling the inventive **key** and a lamp comprising a light-emitting diode (12) and a flat battery.

Inventors

BASCOUL OLIVIER

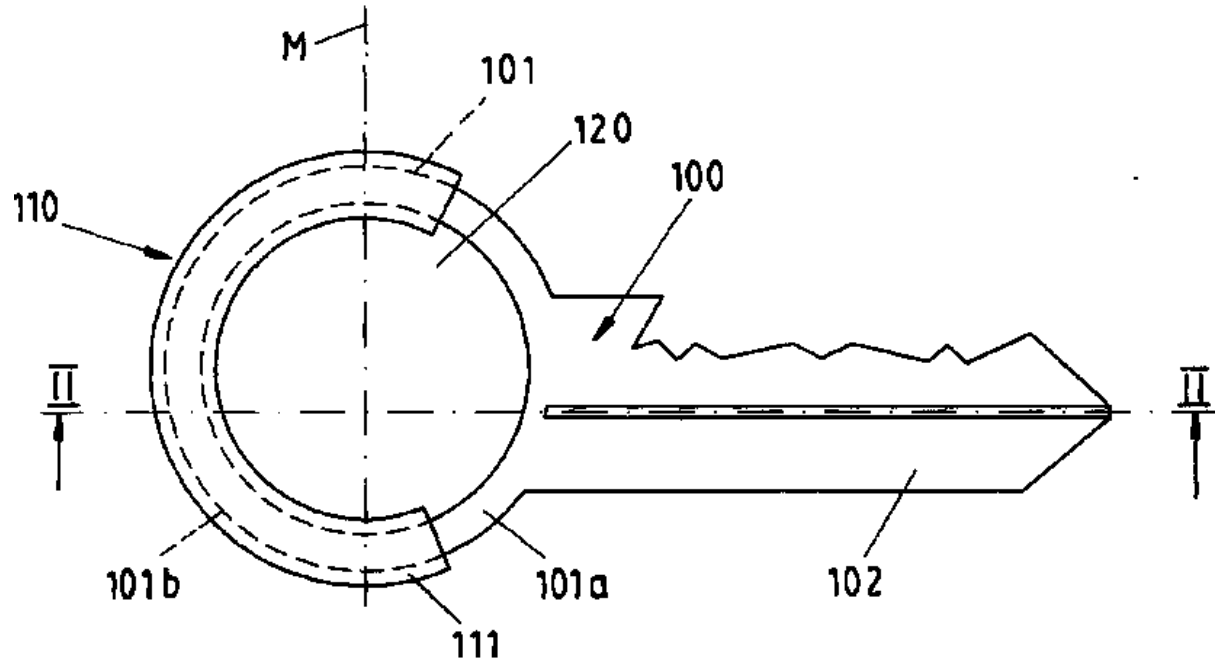
JOSANCY LUC

Family 8/8 - FAMPAT - ©Questel

Title

(DE20112983)

Mounting Plate for a disk-shaped Body, like Chip or Coin at the Head of a Key

Images**Publication data including kind & date**[DE20112983](#)

U1 2001-10-04 DE20112983

**Latest standardized assignees - inventors removed**

BENKHARDT AXEL

HACK ANDREAS