

Title (en)

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

Title (de)

Schlüssel, insbesondere für Kraftfahrzeuge, mit Schlüsselkopf bestehend aus einem Fernbedienungsgehäuse mit herausklappbarem Einsatz und Verfahren zu seiner Herstellung

Title (fr)

Clé, notamment pour véhicule automobile, à tête formant boîtier de télécommande et à insert escamotable et procédé de montage d' une clé

Publication

EP 0985788 B1 20030910 (FR)

Application

EP 99115644 A 19990807

Priority

FR 9811202 A 19980908

Abstract (en)

[origin: EP0985788A1] The key has a radio-controlled box (2) with two half shells (3a,3b), with an insert (1) forming a web mounted pivotedly 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.

IPC 1-7

E05B 49/00; **A45C 11/32**; **E05B 19/04**

IPC 8 full level

A45C 11/32 (2006.01); **E05B 19/04** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP)

A45C 11/324 (2013.01); **E05B 19/043** (2013.01); **G07C 9/00944** (2013.01); **G05G 1/02** (2013.01); **G07C 2009/00952** (2013.01)

Cited by

EP2071105A1; EP1895078A1; KR100709826B1; FR2813629A1; FR2915759A1; FR2936679A1; FR2952461A1; FR2861114A1; EP1526232A1; EP1350910A1; FR2838151A1; FR2924733A1; FR2824350A1; FR2919327A1; US8266936B2; US6705141B1; WO2011054955A3; WO2009015794A1; WO0148339A1; WO2008135189A1; WO2020157522A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0985788 A1 20000315; **EP 0985788 B1 20030910**; **EP 0985788 B2 20110928**; DE 69911132 D1 20031016; DE 69911132 T2 20040708; DE 69911132 T3 20120308; ES 2210917 T3 20040701; ES 2210917 T5 20111202; FR 2783011 A1 20000310; FR 2783011 B1 20001201

DOCDB simple family (application)

EP 99115644 A 19990807; DE 69911132 T 19990807; ES 99115644 T 19990807; FR 9811202 A 19980908