

Title (en)
Remote control device

Title (de)
Fernbedienungseinrichtung

Title (fr)
Dispositif de commande à distance

Publication
EP 1561886 A1 20050810 (EN)

Application
EP 05002045 A 20050201

Priority
JP 2004032168 A 20040209

Abstract (en)
A remote control device includes a casing (1) including a remote control circuit, a mechanical key (2) accommodated in an accommodating space (1d) in the casing so as to be capable of pivoting, and a cap (3) for preventing the mechanical key from moving out. The cap is engageable and releasable by sliding along an upper face of a base (1a). In the cap, a stopper (4) capable of reciprocating in the direction orthogonal to the direction that engages and releases the cap and a coil spring (5) for urging the stopper toward the upper face of the base are disposed. The cap is capable of being locked by making the stopper come into contact with a right side (S) of a projection (1b) formed on the upper face of the base so as to block movement of the cap in the direction that releases the cap. The cap is capable of being unlocked by moving the stopper from a contact position where the stopper is in contact with the right side to a position where the stopper is separated from the projection through the operation of a knob (4c) so as to allow the cap to move in the direction that releases the cap. <IMAGE>

IPC 1-7
E05B 19/04

IPC 8 full level
E05B 19/00 (2006.01); **E05B 19/04** (2006.01); **E05B 49/00** (2006.01); **H04Q 9/00** (2006.01)

CPC (source: EP)
E05B 19/043 (2013.01)

Citation (search report)
• [A] US 5561331 A 19961001 - SUYAMA KOUICHI [JP], et al
• [A] DE 4444913 A1 19950622 - MARQUARDT GMBH [DE]
• [A] EP 1283316 A1 20030212 - VALEO SECURITE HABITACLE [FR]
• [A] EP 1052352 A2 20001115 - TOKAI RIKI CO LTD [JP]
• [A] DE 4409559 A1 19950601 - MARQUARDT GMBH [DE]

Cited by
FR2927512A1; WO2023077308A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1561886 A1 20050810; EP 1561886 B1 20080409; DE 602005005866 D1 20080521; DE 602005005866 T2 20090604;
JP 2005220702 A 20050818

DOCDB simple family (application)
EP 05002045 A 20050201; DE 602005005866 T 20050201; JP 2004032168 A 20040209