

Title (en)  
Casing, in particular for an electronic key

Title (de)  
Gehäuse, insbesondere für einen elektronischen Schlüssel

Title (fr)  
Boîtier, en particulier pour une clé électronique

Publication  
**EP 1750230 A2 20070207 (DE)**

Application  
**EP 06014547 A 20060713**

Priority  
DE 102005033340 A 20050716

Abstract (en)  
The first part (9a) of the casing (9a, 9b) contains individual functional components, e.g. electronics and a switch. The second part of the casing partly-surrounds the first, forming at least some of its visible surface area. The first part (9a) is a fully-functional container with a sealed interior holding all components. It is cup-shaped with an opening on one side. This is closed by a push-in section. The second part of the casing is a shell which snaps onto the first part. The second part has upper and lower shells with a cover. The catch comprises a groove and projection working together. The groove is on the upper and/or lower shell, the projection being on the first part of the casing. This also carries a fixing section with a corresponding fixing groove on the upper and/or lower shell. The upper and/or lower shell is hung in the fixing section by the groove, and then with the help of the catch it is positioned and interlocked. The upper and/or lower shells are overlapped and secured by the attached cover. The electronics are situated in the interior of the first part of the casing, on a circuit board. The push-in section is formed as a battery holder. A lip on the push-in section seals the interior of the casing. Preferably the push-in section is merely pre-fixed in the opening; on attachment of the cover, the push-in section and the upper and/or lower shells interlock together. Further mechanical details are elaborated. Hard and soft plastics are used in the construction. Manufacture is by two-component injection molding. Further details in accordance with the foregoing principles are provided.

IPC 8 full level  
**G07C 9/00** (2006.01)

CPC (source: EP)  
**G07C 9/00944** (2013.01); **E05B 19/0082** (2013.01); **G07C 2009/00952** (2013.01); **H01H 9/0214** (2013.01); **H01H 27/06** (2013.01)

Citation (applicant)  
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• DE 19915969 A1 19991104 - MARQUARDT GMBH [DE]  
• US 2002175096 A1 20021128 - LINIHAN MICHAEL G [US]

Citation (third parties)  
Third party :  
DE 10229409 A1 20040129 - HELLA KG HUECK & CO [DE]

Cited by  
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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