

Title (en)

ELECTRONIC KEY FOR AUTOMOTIVE VEHICLE

Title (de)

ELEKTRONISCHER SCHLÜSSEL FÜR KRAFTFAHRZEUG

Title (fr)

CLÉ ÉLECTRONIQUE POUR VÉHICULE AUTOMOBILE

Publication

EP 4386700 A1 20240619 (EN)

Application

EP 22213737 A 20221215

Priority

EP 22213737 A 20221215

Abstract (en)

The disclosure provides an electronic key for an automotive vehicle, comprising a housing (113) having an inside configured to house an emergency insert (118) and a battery (136), and a key head (100) configured to engage with the housing and to connect to the housing (113). The key head (100) is further configured to rotationally disconnect from the housing and then to translationally disengage from the housing (113), thereby providing access to the inside of the housing (113). The key head (100) is configured to disengage from the housing (113) only when the key head (100) is disconnected from the housing. This forms an improved electronic key for an automotive vehicle.

IPC 8 full level

G07C 9/00 (2020.01); **H05K 5/00** (2006.01)

CPC (source: EP)

G07C 9/00944 (2013.01); **G07C 2009/00952** (2013.01)

Citation (search report)

- [XAI] DE 102006046801 A1 20080403 - CONTI TEMIC MICROELECTRONIC [DE]
- [A] DE 202005004992 U1 20050714 - HELLA KGAA HUECK & CO [DE]
- [A] DE 102006021172 B4 20200723 - HUF HUELSBECK & FUERST GMBH & CO KG [DE]
- [A] JP 2001146862 A 20010529 - TOKAI RIKAI CO LTD
- [A] EP 2795024 B1 20160427 - VALEO COMFORT & DRIVING ASSISTANCE [FR]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4386700 A1 20240619

DOCDB simple family (application)

EP 22213737 A 20221215