

Title (en)

DEVICE FOR FIXING A HOUSING, IN PARTICULAR OF A MOTOR-VEHICLE BATTERY, TO A SUPPORT

Title (de)

VORRICHTUNG ZUR BEFESTIGUNG EINES GEHÄUSES, INSBESONDERE DAS VON EINER KRAFTFAHRZEUG-BATTERIE, AN EINEM TRÄGER

Title (fr)

DISPOSITIF PERMETTANT DE FIXER A UN SUPPORT UN BOITIER, NOTAMMENT LE BOITIER DE BATTERIE D'UN VEHICULE AUTOMOBILE

Publication

EP 1610980 A1 20060104 (DE)

Application

EP 04719375 A 20040311

Priority

- EP 2004002485 W 20040311
- DE 10314030 A 20030328

Abstract (en)

[origin: WO2004085208A1] The invention relates to a device for fixing a housing (1), in particular of a motor-vehicle battery to a carrier plate (3), permitting the housing (1) to be fixed rapidly without complex manipulation and the aid of a tool to the plate (3). To achieve this, a spring-loaded curved fixing part (10) is inserted under tension between the wall of the housing (1) that is placed on the carrier plate (3) and a retaining edge (4) that projects vertically from the carrier plate (3). The fixing part (10) is preferably curved in a U-shape and comprises a hook-shaped section (27) that grips the base of the housing (1) by means of an opening (7) in the carrier plate (3), in addition to a wedge-shaped surface (12) that co-operates with the retaining edge (4) and engagement elements (17, 26) that secure the housing in position.

IPC 1-7

B60R 11/00; **B60R 11/06**

IPC 8 full level

B60R 11/00 (2006.01); **B60R 11/06** (2006.01); **H01M 50/202** (2021.01); **H01M 50/244** (2021.01)

CPC (source: EP KR US)

B60R 11/00 (2013.01 - EP US); **B60R 11/06** (2013.01 - EP US); **B60R 16/04** (2013.01 - KR); **H01M 50/202** (2021.01 - EP KR US); **H01M 50/244** (2021.01 - EP KR US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

See references of WO 2004085208A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2004085208 A1 20041007; BR PI0408906 A 20060328; CA 2518489 A1 20041007; CN 100377921 C 20080402; CN 1767970 A 20060503; DE 10314030 A1 20041014; DE 10314030 B4 20050714; EP 1610980 A1 20060104; JP 2006521235 A 20060921; KR 20050119660 A 20051221; MX PA05010300 A 20051117; PL 378323 A1 20060320; RU 2005133075 A 20070510; US 2007170323 A1 20070726; US 7607502 B2 20091027

DOCDB simple family (application)

EP 2004002485 W 20040311; BR PI0408906 A 20040311; CA 2518489 A 20040311; CN 200480008488 A 20040311; DE 10314030 A 20030328; EP 04719375 A 20040311; JP 2006504630 A 20040311; KR 20057018138 A 20050927; MX PA05010300 A 20040311; PL 37832304 A 20040311; RU 2005133075 A 20040311; US 55096604 A 20040311