Title (en)

SYSTEM FOR CONTROLLING ACCESS TO THE TERMINALS OF A VEHICLE BATTERY MODULE, BATTERY MODULE AND VEHICLE ASSOCIATED THEREWITH

Title (de)

SYSTEM ZUR STEUERUNG DES ZUGRIFFS AUF DIE ANSHCLÜSSE EINES FAHRZEUGSBATTERIEMODULS, BATTERIEMODUL UND FAHRZEUG HIERZU

Title (fr)

SYSTEME DE CONTROLE DE L'ACCES AUX BORNES D'UN MODULE DE BATTERIE DE VEHICULE, MODULE DE BATTERIE ET VEHICULE ASSOCIES

Publication

EP 2681784 A1 20140108 (FR)

Application

EP 12711946 A 20120228

Priority

- FR 1151747 A 20110303
- FR 2012050406 W 20120228

Abstract (en)

[origin: WO2012117193A1] The invention pertains chiefly to a system for controlling access to the positive and negative terminals of a vehicle battery module comprising a first and a second protective cover respectively for the positive and negative terminals. The system of the invention is essentially characterized in that it comprises: - locking means (7) preventing the displacement of the first (5) and second (6) protective covers as long as a release part (17) is not situated opposite an orifice (16) made on a locking part (7), and - unlocking means (10) comprising a drive part (10) whose travel causes the displacement of the release part (17) relative to the locking part (7) or vice versa, until the orifice (16) of the locking part (7) is situated opposite the release part (17). The invention also pertains to a battery module and a vehicle, in particular a motor vehicle, comprising at least one such system.

IPC 8 full level

H01M 50/55 (2021.01); **H01M 50/553** (2021.01); **H01M 50/588** (2021.01); **H01M 50/591** (2021.01)

CPC (source: EP US)

H01M 50/55 (2021.01 - EP US); **H01M 50/553** (2021.01 - EP US); **H01M 50/588** (2021.01 - EP US); **H01M 50/591** (2021.01 - EP US); Y02E 60/10 (2013.01 - EP)

Citation (search report)

See references of WO 2012117193A1

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

FR 2972302 A1 20120907; **FR 2972302 B1 20130405**; CN 103380516 A 20131030; CN 103380516 B 20160302; EP 2681784 A1 20140108; WO 2012117193 A1 20120907

DOCDB simple family (application)

FR 1151747 A 20110303; CN 201280009063 A 20120228; EP 12711946 A 20120228; FR 2012050406 W 20120228