

Title (en)
DEVICE FOR SUPERVISING MOTOR VEHICLE BATTERY CHARGE

Title (de)
VORRICHTUNG ZUR ÜBERWACHUNG DER LADUNG EINER KRAFTFAHRZEUGBATTERIE

Title (fr)
DISPOSITIF DE SUPERVISION DE LA CHARGE D'UNE BATTERIE DE VEHICULE AUTOMOBILE

Publication
EP 2842215 A2 20150304 (FR)

Application
EP 13717783 A 20130422

Priority
• FR 1253808 A 20120425
• EP 2013058326 W 20130422

Abstract (en)
[origin: WO2013160266A2] The invention relates to a motor vehicle comprising: - an electric motor (33); - a battery (2) of power accumulator cells (21) which is intended selectively to power the electric motor (33) that drives the vehicle and to be recharged by this electric motor; - an interface (32, 33) providing connection to an electric power source; - a battery supervision device (1), comprising: - an altitude determining element (110); - a receiver interface (120) receiving a signal indicative of the stored energy; - a computer (100) configured so as to: - calculate a potential amount of energy with which the electric motor (33) can recharge the battery depending on the altitude; - calculate a recharge limit by subtracting the potential recharge energy from the maximum amount of energy that can be stored; - generate a signal to interrupt the charging of the battery when the energy stored in the battery reaches the recharge limit.

IPC 8 full level
H02J 7/14 (2006.01); **B60L 11/18** (2006.01)

CPC (source: EP)
B60L 50/51 (2019.01); **H02J 7/1446** (2013.01); **Y02T 10/70** (2013.01); **Y02T 10/92** (2013.01)

Citation (search report)
See references of WO 2013160266A2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2013160266 A2 20131031; WO 2013160266 A3 20140227; EP 2842215 A2 20150304; FR 2990077 A1 20131101; FR 2990077 B1 20151218

DOCDB simple family (application)
EP 2013058326 W 20130422; EP 13717783 A 20130422; FR 1253808 A 20120425