

Title (en)

METHOD OF MONITORING THE LEVEL OF CHARGE OF AN ADDITIONAL ENERGY STORAGE FACILITY OF A MICRO-HYBRID PROPULSION VEHICLE

Title (de)

VERFAHREN ZUR ÜBERWACHUNG DES LADEZUSTANDES EINER ZUSÄTZLICHEN ENERGIESPEICHEREINRICHTUNG EINES FAHRZEUGES MIT MIKROHYBRIDANTRIEB

Title (fr)

PROCEDE DE CONTROLE DE LA CHARGE D'UN STOCKEUR D'ENERGIE ADDITIONNELLE D'UN VEHICULE A PROPULSION MICRO-HYBRIDE

Publication

EP 2552722 A1 20130206 (FR)

Application

EP 11719313 A 20110330

Priority

- FR 1052506 A 20100402
- FR 2011050705 W 20110330

Abstract (en)

[origin: WO2011121235A1] The subject of the invention is a method for monitoring the level of charge of the additional energy storage facility UCAP of a micro-hybrid propulsion vehicle. The method involves a step of detecting a status of said vehicle (200) from among a plurality of possible statuses, a first status known as the rapid driving status being detected when the vehicle speed exceeds a predetermined speed threshold value Vseuil, a second status being detected when the vehicle is parked, the voltage applied to the terminals of the UCAP storage facility being adapted (201, 202) according to the detected status so that this voltage is minimized while at the same time guaranteeing that said storage facility will perform its service functions. Another subject of the invention is a system implementing the method.

IPC 8 full level

B60L 11/18 (2006.01); **B60L 50/16** (2019.01); **H02J 7/34** (2006.01); **H02J 7/14** (2006.01)

CPC (source: EP US)

B60L 50/16 (2019.01 - EP); **B60L 50/40** (2019.01 - EP); **H02J 7/345** (2013.01 - EP US); **H02J 7/1446** (2013.01 - EP); **H02J 7/342** (2020.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 10/92** (2013.01 - EP)

Citation (search report)

See references of WO 2011121235A1

Cited by

CN114179631A

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)

WO 2011121235 A1 20111006; CN 102869527 A 20130109; CN 102869527 B 20160210; EP 2552722 A1 20130206; FR 2958464 A1 20111007; FR 2958464 B1 20121005

DOCDB simple family (application)

FR 2011050705 W 20110330; CN 201180017783 A 20110330; EP 11719313 A 20110330; FR 1052506 A 20100402