

Title (en)

METHOD FOR LOAD POINT DISPLACEMENT DURING HYBRID OPERATION IN A PARALLEL HYBRID VEHICLE

Title (de)

VERFAHREN ZUR LASTPUNKTVERSCHIEBUNG IM HYBRIDBETRIEB BEI EINEM PARALLELEN HYBRIDFAHRZEUG

Title (fr)

PROCÉDÉ POUR DÉPLACER LE POINT DE CHARGE EN FONCTIONNEMENT HYBRIDE POUR UN VÉHICULE À FONCTIONNEMENT HYBRIDE EN PARALLÈLE

Publication

**EP 2190710 A2 20100602 (DE)**

Application

**EP 08787036 A 20080808**

Priority

- EP 2008060440 W 20080808
- DE 102007038585 A 20070816

Abstract (en)

[origin: WO2009021913A2] The invention relates to a method for load point displacement during hybrid operation in a parallel hybrid vehicle, comprising one combustion engine, at least one electric engine and one energy storage, wherein in the core field of the specific consumption of the combustion engine at least one limit curve (A1, 81, C1, D1) is defined and for the energy storage of the vehicle at least one threshold value (A2, B2, C2, D2) is defined for the energy load state. Load point displacement modes (A, B, C, D) are defined, wherein the specific consumption of the combustion engine and the energy content of the energy storage of a predetermined limit curve (A1, B1, C1, D1) or a predetermined threshold value (A2, B2, C2, D2) are not exceeded. The load point displacement is carried out in one of the load point displacement modes (A, B, C, D,) or in a combination of a plurality of load point displacement modes (A, B, C, D).

IPC 8 full level

**B60W 20/00** (2006.01); **B60K 6/48** (2007.10); **B60L 50/16** (2019.01); **B60W 10/06** (2006.01); **B60W 10/08** (2006.01); **B60W 10/26** (2006.01)

CPC (source: EP US)

**B60K 6/48** (2013.01 - EP US); **B60W 10/06** (2013.01 - EP US); **B60W 10/08** (2013.01 - EP US); **B60W 10/26** (2013.01 - EP US); **B60W 20/00** (2013.01 - EP); **B60W 20/10** (2013.01 - EP US); **B60W 2510/244** (2013.01 - EP US); **B60W 2520/10** (2013.01 - EP US); **B60W 2540/10** (2013.01 - EP US); **Y02T 10/40** (2013.01 - EP US); **Y02T 10/62** (2013.01 - EP US)

Citation (search report)

See references of WO 2009021913A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2009021913 A2 20090219**; **WO 2009021913 A3 20100624**; CN 102216137 A 20111012; DE 102007038585 A1 20090319; EP 2190710 A2 20100602; JP 2011502846 A 20110127; US 2011017534 A1 20110127

DOCDB simple family (application)

**EP 2008060440 W 20080808**; CN 200880109258 A 20080808; DE 102007038585 A 20070816; EP 08787036 A 20080808; JP 2010520541 A 20080808; US 67366908 A 20080808