

Title (en)

METHOD FOR OPTIMISING HYBRID VEHICLE BATTERY RECHARGING

Title (de)

VERFAHREN FÜR OPTIMIERTE AUFLADUNG EINER HYBRIDFAHRZEUGBATTERIE

Title (fr)

PROCEDE POUR OPTIMISER LA RECHARGE DE LA BATTERIE D'UN VEHICULE HYBRIDE

Publication

**EP 2529467 A1 20121205 (FR)**

Application

**EP 10810786 A 20101223**

Priority

- FR 1050585 A 20100128
- FR 2010052899 W 20101223

Abstract (en)

[origin: WO2011092389A1] The invention essentially relates to a method for optimising the recharging of a hybrid vehicle battery. When the clutch (10) is in the open position and/or when the gearbox (8) is in neutral, the heat engine (7) is at idling speed (W1) by default when the charge status (SOC) of the high-voltage battery (19) is below a parameterisable threshold or a raised idling speed (W2) when the charge status (SOC) of the high-voltage battery (19) is above the parameterisable threshold in order to increase the power generated by the first electrical machine (11) in order to recharge the battery.

IPC 8 full level

**H02J 7/14** (2006.01); **B60K 6/48** (2007.10); **B60W 10/06** (2006.01); **B60W 10/26** (2006.01)

CPC (source: EP US)

**B60K 6/48** (2013.01 - EP US); **B60L 50/16** (2019.01 - EP US); **B60L 50/61** (2019.01 - EP US); **B60L 58/12** (2019.01 - EP US); **B60W 10/06** (2013.01 - EP US); **B60W 10/26** (2013.01 - EP US); **B60W 20/13** (2016.01 - EP US); **B60W 30/18054** (2013.01 - EP US); **H02J 7/1476** (2013.01 - EP US); **B60L 2240/486** (2013.01 - EP US); **B60L 2240/525** (2013.01 - EP US); **B60W 2510/0208** (2013.01 - EP US); **B60W 2510/0642** (2013.01 - EP US); **B60W 2510/1005** (2013.01 - EP US); **B60W 2510/101** (2013.01 - EP US); **B60W 2510/244** (2013.01 - EP US); **B60W 2710/065** (2013.01 - EP US); **B60Y 2300/91** (2013.01 - EP US); **Y02T 10/62** (2013.01 - EP US); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP US)

Citation (search report)

See references of WO 2011092389A1

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 2955715 A1 20110729**; **FR 2955715 B1 20150807**; CN 102742117 A 20121017; EP 2529467 A1 20121205; US 2012302397 A1 20121129; WO 2011092389 A1 20110804

DOCDB simple family (application)

**FR 1050585 A 20100128**; CN 201080062707 A 20101223; EP 10810786 A 20101223; FR 2010052899 W 20101223; US 201013575272 A 20101223