



(51) International Patent Classification:

B60L 3/00 (2006.01) B60L 11/18 (2006.01)

B60L 3/04 (2006.01) B60L 1/00 (2006.01)

B60L 7/12 (2006.01) B60L 11/14 (2006.01)

B60L 11/00 (2006.01)

(21) International Application Number:

PCT/EP2013/001953

(22) International Filing Date:

3 July 2013 (03.07.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/667,975 4 July 2012 (04.07.2012) US

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(81) Designated States (unless otherwise indicated, for every

kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every

kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:

23 October 2014

(54) Title: METHOD FOR CONTROLLING A HYBRID VEHICLE ELECTRICAL SYSTEM

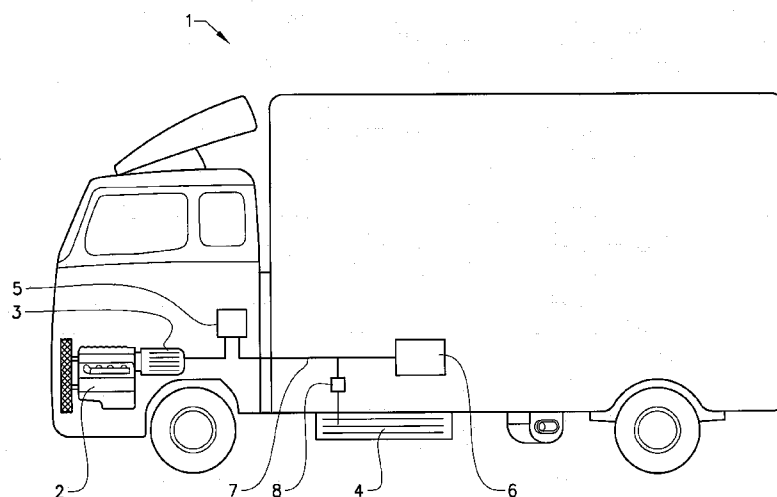


FIG. 1

(57) **Abstract:** A method for controlling a hybrid vehicle electrical system comprising the steps of: driving the vehicle (1) in a first driving mode where the battery pack (4) is connected to said traction voltage DC-link (7) and the battery pack (4) is supplying the electrical auxiliary units (6) with power, shutting down the power electronics unit in order to cease power delivery from the electric machine (3) to the traction voltage DC-link (7) or to the electric machine (3) from the traction voltage DC-link (7), disconnecting the battery pack (3) from the traction voltage DC-link (7) by opening the relay (8), and activating the power electronics unit and controlling output voltage of the power electronics unit to a predetermined level.

INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2013/001953

A. CLASSIFICATION OF SUBJECT MATTER

INV. B60L3/00 B60L3/04 B60L7/12 B60L11/00 B60L11/18
 B60L1/00 B60L11/14

ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B60L B60K B60W

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2010/109437 A1 (FATTIC GERALD T [US]) 6 May 2010 (2010-05-06) abstract paragraph [0004] - paragraph [0005] paragraph [0008] - paragraph [0013] paragraph [0017] - paragraph [0017] figures 1,2 -----	1-18
X	US 2010/236851 A1 (VAN MAANEN KEITH D [US] ET AL) 23 September 2010 (2010-09-23) abstract paragraph [0005] - paragraph [0009] paragraph [0018] - paragraph [0020] paragraph [0024] - paragraph [0028] paragraph [0031] - paragraph [0043] figures 1-3 ----- -/-	1-18



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Date of the actual completion of the international search

7 August 2014

Date of mailing of the international search report

20/08/2014

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2013/001953

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2010/225258 A1 (NAMUDURI CHANDRA S [US] ET AL) 9 September 2010 (2010-09-09) abstract paragraph [0006] - paragraph [0006] paragraph [0015] - paragraph [0017] paragraph [0029] - paragraph [0036] figures 1,2 -----	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2013/001953

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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