(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
13 September 2012 (13.09.2012)

WIPO | PCT

(10) International Publication Number
WO 2012/120478 A8

(51) International Patent Classification:
H02J 15/00 (2006.01) *B60L 8/00* (2006.01)
B60L 11/18 (2006.01) *H02J 13/00* (2006.01)

(21) International Application Number:
PCT/IB2012/051119

(22) International Filing Date:
9 March 2012 (09.03.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11157409.1 9 March 2011 (09.03.2011) EP

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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, 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, KM, 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, 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, MD, 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, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report (Art. 21(3))*

(48) Date of publication of this corrected version:
29 November 2012

(15) Information about Correction:
see Notice of 29 November 2012

(54) Title: ELECTRICAL ENERGY BUFFERING SYSTEM

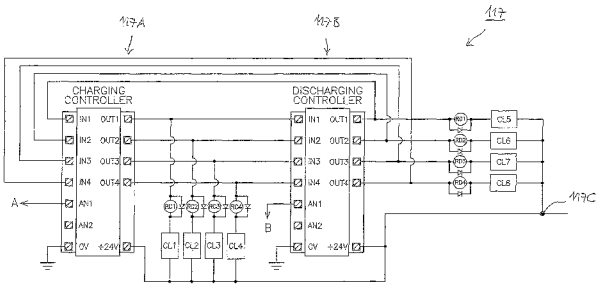


Fig.4

(57) Abstract: Electrical energy buffering system, comprising energy source means for delivering electrical energy, energy buffering means for buffering electrical energy delivered from the energy source means, the energy buffering means comprising a plurality of supercapacitors, and control means for controlling the operation of the energy buffering means by selectively switching the supercapacitors, wherein the plurality of supercapacitors are switchably connected in parallel to each other in a circuit comprising the energy source means and an electrical power output, and the control means comprise buffer monitoring means for monitoring a parameter representing the charge or discharge state, respectively, of each of the supercapacitors and are adapted to sequentially switch single supercapacitors or groups of supercapacitors on, responsive to the detection of a first predetermined charge or discharge state, respectively, and to switch them off, responsive to the detection of a second predetermined charge or discharge state, respectively.

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