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(71) Applicant *(for all designated States except US)*: **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **ISHIKAWA, Tetsuhiro** [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP). **SOMA, Takaya** [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).

(74) Agents: **FUKAMI, Hisao** et al.; Fukami Patent Office, Nakanoshima Central Tower, 22nd Floor, 2-7, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka 5300005 (JP).

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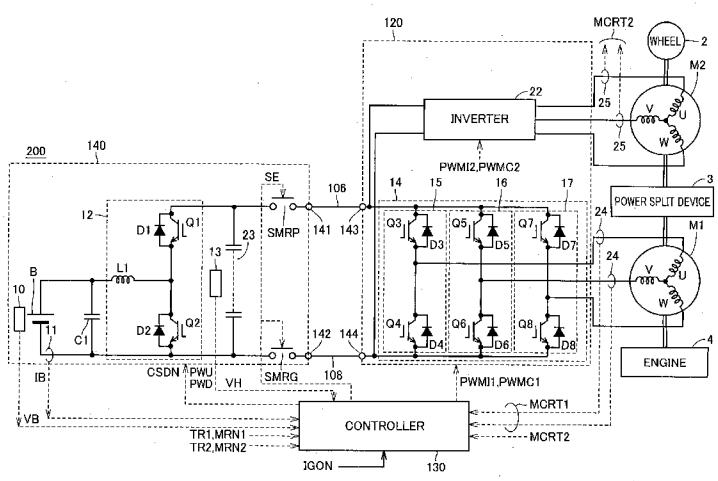
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(54) Title: VEHICULAR POWER SUPPLY SYSTEM AND VEHICLE



(57) Abstract: A vehicular power system includes: a secondary battery (B); an up-converter (12) receiving a voltage of the secondary battery at a first connection node thereof, and up-converting a voltage between terminals of the secondary battery (B) and outputting the up-converted voltage at a second connection node thereof; system main relays (SMRP, SMRG) switching between connection and disconnection of the voltage up-converted by the up-converter (12) to and from a load of a vehicle; and a case (140) housing the secondary battery (B), the up-converter (12) and the system main relays (SMRP, SMRG). Preferably the vehicular power supply system further includes a capacitor (23) having one end connected to the second connection node of the up-converter (12) and the case (140) further houses the capacitor (23). Preferably the capacitor (23) includes a plurality of series connected, electric dual layer capacitors. A vehicular power supply system suitable for being mounted in a vehicle and miniaturized, and a vehicle having the system mounted therein, can thus be provided.

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A. CLASSIFICATION OF SUBJECT MATTER
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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)
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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 practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	US 6 107 788 A (OYA HIRONOBU [JP] ET AL) 22 August 2000 (2000-08-22) figures 1,2	1
A	US 6 232 749 B1 (HEWES JEFFREY [US] ET AL) 15 May 2001 (2001-05-15) claim 1; figure 1	1
A	US 5 945 806 A (FAULK RICHARD A [US]) 31 August 1999 (1999-08-31) abstract; figure 1	1

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Imbernon, Lisa

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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