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(54) Title: COMPUTER SOFTWARE AND APPARATUS FOR CONTROL AND MONITORING OF ELECTRONIC SYS-
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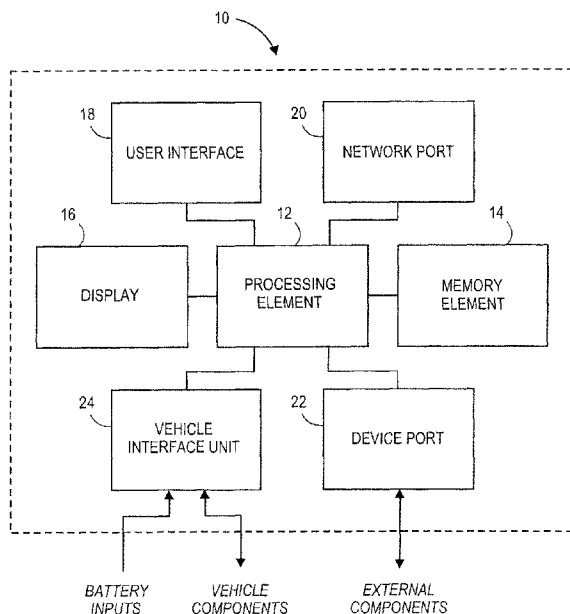


FIG. 1

(57) Abstract: A system for interfacing with a vehicle broadly comprises a processing element, a memory element, a display, a user interface, a network port, a device port, and a vehicle interface unit. The processing element executes computer code or programs and is in communication with the memory element, which stores programs and data. The display presents information to a user. The user interface allows the user to interact with and enter information into the system. The network port allows the system to communicate with other systems or devices. The device port provides communication with a plurality of external components. The vehicle interface unit is coupled with the vehicle components and a plurality of batteries and is configured to determine a voltage level and a charge level of each of the batteries. The vehicle interface unit is alternatively coupled with the vehicle components and components of an engine to determine performance parameters.

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Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- *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))*

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INTERNATIONAL SEARCH REPORT

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PCT/US2011/025719**A. CLASSIFICATION OF SUBJECT MATTER****G06F 13/14(2006.01)i, G06F 9/06(2006.01)i, G06F 3/14(2006.01)i**

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)

G06F 13/14; H01M 10/48; G01R 31/00; G06F 17/00; G01R 31/36

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

Korean utility models and applications for utility models
Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: electric, vehicle, battery, voltage, charge, level, combustion, engine, performance, parameter

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	US 05321627 A (MICHAEL T. REHER) 14 June 1994 See col. 4, line 50 - col. 12, line 48; figures 1-2.	1-2, 7-8, 21-22 3-4, 5-6, 9-10, 11-12 , 23-24, 25-27 13-20
Y A	EP 0416171 A2 (NIPPON YUSOKI CO., LTD) 13 March 1991 See col. 8, line 24 - col. 9, line 4; figures 4-5, 7-9.	3-4, 9-10, 23-24 1-2, 5-8, 11-22 , 25-27
X Y A	US 2004-0093129 A1 (JOVO MAJSTOROVIC et al.) 13 May 2004 See paragraphs [0049] - [0062], [0078] - [0087], [0124] - [0156]; figures 2, 7, 17.	13-20 5-6, 11-12, 25-27 1-4, 7-10, 21-24

 Further documents are listed in the continuation of Box C. See patent family annex.

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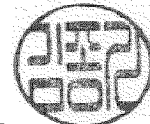
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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