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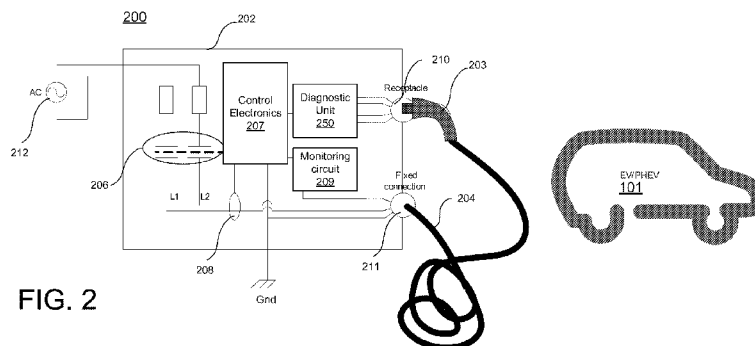


FIG. 2

(57) Abstract: Systems, methods, apparatuses, and computer-readable media provide electric supply equipment (200) configured to perform diagnostics. The electric supply equipment (200) may include a receptacle (210) for forming a closed circuit loop. The electric supply equipment (200) includes a connector (203) for charging devices, such as electric vehicles (101). The connector (203) may include one or more conductors, some of which may be wrapped with insulation. When the connector (103), (203) is not used for charging, the connector (203) may be connected to a receptacle (210) of the electric supply equipment (200). Thus, the electric supply equipment (200), via the receptacle (210), may form a closed loop circuit with the conductors. Further, the electric supply equipment (200) may include a diagnostic unit (250) for performing diagnostic tests on the conductors. In particular, the diagnostic unit (250) may access ends of the conductors via the receptacle (210).

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2013/040247

A. CLASSIFICATION OF SUBJECT MATTER

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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)

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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 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 2012/022811 A1 (DICKINSON BLAKE EDWARD [US] ET AL) 26 January 2012 (2012-01-26) paragraph [0002]; figures 1-5,7,9,10,11,15-18 paragraph [0030] - paragraph [0045] -----	1-20
A	EP 1 770 845 A2 (PINNACLE WEST CAPITAL CORP [US]) 4 April 2007 (2007-04-04) paragraph [0023] - paragraph [0069]; figures 1,2 -----	1-20
A	US 2011/169447 A1 (BROWN KENNETH [US] ET AL) 14 July 2011 (2011-07-14) paragraph [0118] - paragraph [0200]; figures 37-57 ----- -/-	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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