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[Continued on next page]

(54) Title: LOCATION BASED CHARGING CONTROL SYSTEM

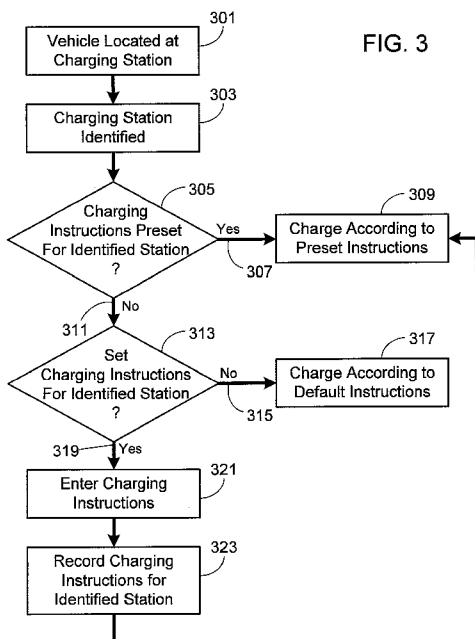


FIG. 3

(57) Abstract: A method for automatically charging the battery pack of an electric vehicle in accordance with a set of location sensitive charging instructions is provided. Exemplary location sensitive charging instructions include preset charging schedules and preset charge level limits. Different charging schedules and different charge level limits may be preset for different charging stations and locations, thus allowing the user to preset the charging instructions for each of multiple locations where the user routinely charges their car. Default charging instructions are used at those charging stations and locations where a set of location sensitive charging instructions has not been preset.

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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

International application No.
PCT/US2014/037904**A. CLASSIFICATION OF SUBJECT MATTER****H02J 7/02(2006.01)i, B60L 11/18(2006.01)i**

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

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
H02J 7/02; G05F 5/00; B60L 11/18; G06Q 30/00; H02J 7/00; G06Q 50/00; H01M 10/44Documentation 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 modelsElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords: electric vehicle, battery, charger, schedule, reservation, instruction, location, identification**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2013-0054045 A1 (MARYAM RAMEZANI et al.) 28 February 2013 See abstract, paragraphs [0024]-[0055] and figures 1-4.	1-22
A	US 2012-0056583 A1 (JURGEN GOTZ) 08 March 2012 See abstract, paragraphs [0033]-[0077] and figures 1-3.	1-22
A	JP 2011-164771 A (MOTION K.K. et al.) 25 August 2011 See abstract, paragraphs [0015]-[0030] and figures 1-9.	1-22
A	JP 2012-095377 A (SHARP CORP.) 17 May 2012 See paragraphs [0016]-[0043], claims 1-5 and figures 1-5.	1-22
A	KR 10-2011-0090183 A (KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY) 10 August 2011 See abstract, paragraphs [0024]-[0069] and figures 1-6.	1-22

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

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

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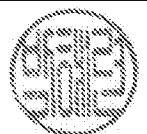
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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