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UG, US, UZ, VC, VN, ZA, ZM, ZW.

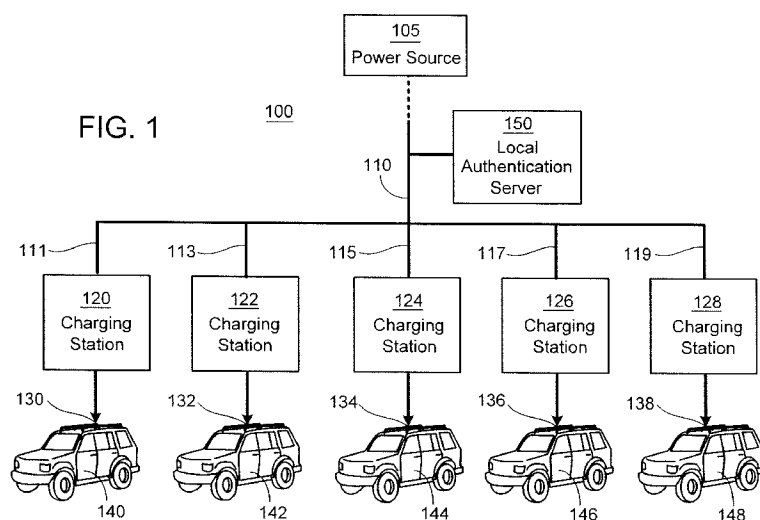
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(54) Title: TRANSMISSION LINE DIRECTIONAL AWARENESS



(57) Abstract: Coupling a charging station to a power line segment that is terminated at a first end by a charging terminal includes: sensing a communication signal propagating on the power line and being coupled from multiple taps connected to the power line segment, and determining if the communication signal is propagating on the power line segment in the direction from the first end to a second end of the power line segment or in the direction from the second end to the first end.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2009/040078

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H03H 7/30 (2009.01)

USPC - 375/233

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)

MicroPatent, Google Patents

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ---	US 2008/0040296 A1 (BRIDGES et al) 14 February 2008 (14.02.2008) entire document	1, 36-41, and 53-56
Y		2-35 and 42-52
Y	US 2006/0259254 A1 (SWARZTRAUBER et al) 16 November 2006 (16.11.2006) entire document	2-35 and 42-52
Y	US 7,307,512 B2 (YANEY et al) 11 December 2007 (11.12.2007) entire document	6-10, 25-26, 42-46, and 49

☐ Further documents are listed in the continuation of Box C.

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