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(54) Title: MULTIPLE LOCATION LOAD CONTROL SYSTEM

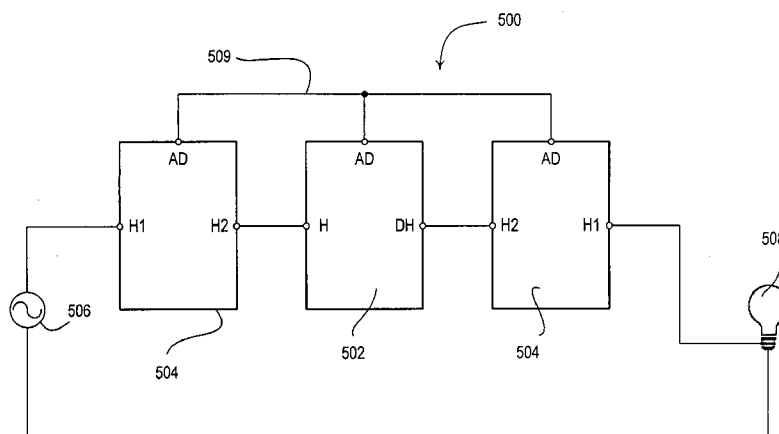


Fig. 5

(57) Abstract: A multiple location load control system comprises a main device and remote devices, which do not require neutral connections, but allow for visual and audible feedback at the main device and the remote devices. The main device and the remote devices are adapted to be coupled in series electrical connection between an AC power source and an electrical load, and to be further coupled together via an accessory wiring. The remote devices can be wired on the line side and the load side of the load control system, such that the main device is wired "in the middle" of the load control system. The main device is operable to enable a charging path to allow the remote devices to charge power supplies through the accessory wiring during a first time period of a half-cycle of the AC power source. The main device and the remote devices are operable to communicate with each other via the accessory wiring during a second time period of the half-cycle.

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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)
H05B

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)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 248 919 A (HANNA ROBERT S [US] ET AL) 28 September 1993 (1993-09-28) columns 4-10; figure 2	1-82
A	EP 1 158 841 A (KOPP HEINRICH AG [DE]) 28 November 2001 (2001-11-28) columns 3-5; figure 3	1-82
A	DE 103 10 591 A1 (HOENLE AG DR [DE]) 30 September 2004 (2004-09-30) pages 3-4; figures 1,2	1-82

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

☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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