WIRELESS COMMUNICATION BETWEEN CONTROL DEVICES AND CONTROLLED DEVICES WITHIN A COMMON BOARD AND RF HIGH SIDE COUPLER WITH PLANE POLARIZED ANTENNA

Abstract: A system having a substrate; at least one first semiconductor device disposed on the substrate and having at least one antenna for sending and receiving a radio frequency (RF) signals; at least one second semiconductor device disposed on the substrate and comprising at least one output stage; and at least one controller having an RF transmitter and optionally a receiver having at least one antenna for sending and optionally receiving the RF signals, the at least one controller being disposed on the substrate and sending the RF signals for controlling the at least one second semiconductor device.
(88) Date of publication of the international search report:
21 December 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codex and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - H04B 7/00 (2007.01)
USPC - 455/41.2
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)
IPC(8) - H04B 7/00 (2007.01)
USPC - 455/41.2

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)
Database: MicroPatent

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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☐ Further documents are listed in the continuation of Box C.

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Date of the actual completion of the international search
19 September 2007

Date of mailing of the international search report
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