
Designated States (unless otherwise indicated, for every kind of national protection available): ARIO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published: 30 December 2009

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Title: AN IMPROVED REMOTE CONTROL FOR HOME ENTERTAINMENT

Abstract: A remote control system is provided that includes a master controller for storing a plurality of remote control codes for a plurality of remotely controlled equipment, receiving a remote control code request message, retrieving a requested remote control code and transmitting the requested remote control code, a remote control unit for transmitting the remote control code request message, receiving the requested remote control code from the master controller, storing the requested remote control code, converting the remote control code into a plurality of remote control commands and transmitting at least one of the plurality of remote control commands to at least one of the plurality of remotely controlled equipment, wherein each remote control code contains the plurality of remote control commands for controlling at least one of the plurality of remotely controlled equipment.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC(8) - G08C 19/00 (2009.01)
   USPC - 340/825.72
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)
USPC: 340/825.72

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 340/5, 1, 5.2, 5.25, 5.27, 5.5, 825, 825.72-825.98

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST(USPT,PGPB,EPAB,JPAB); Google Scholar
Search Terms: remote, control, self, programming, master, controller, home, entertainment, database, CRC, universal

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>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 2005/0110651 A1 (Martis et al.) 26 May 2005 (26.05.2005), para [0015], [0017], [0020], [0026], [0027], [0028], [0030]-[0032], [0043]</td>
<td>1, 2, 9, 10, 15, 19, 20</td>
</tr>
<tr>
<td>Y</td>
<td>US 5,455,570 A (Cook et al.) 03 October 1995 (03.10.1995), col 36, In 58-66</td>
<td>3-5, 11-14, 16, 17, 21-24</td>
</tr>
<tr>
<td>Y</td>
<td>US 5,148,159 A (Clark et al.) 15 September 1992 (15.09.1992), abstract</td>
<td>6-8, 18</td>
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<tr>
<td>A</td>
<td>US 2005/0110651 A1 (Martis et al.) 26 May 2005 (26.05.2005), para [0015], [0017], [0020], [0026], [0027], [0028], [0030]-[0032], [0043]</td>
<td>1-24</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C.

* 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
  "P" document published prior to the international filing date but later than the priority date claimed
  "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
22 July 2009 (22.07.2009)

Date of mailing of the international search report
05 AUG 2009

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