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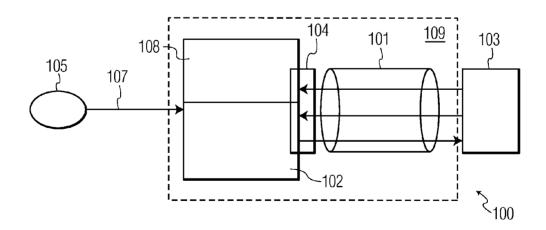
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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(54) Title: SYSTEM, APPARATUS, AND METHOD FOR REMOTE COMMAND FORWARDING FROM A HOME DEVICE TO A PORTABLE MEDIA PLAYER



(57) Abstract: The present invention provides a system (100 200), apparatus (300), and method for forwarding remote control commands to an MP3 player (103) connected through at least one of an analog or digital input/output cable (101/104 106) to a home device having a remote control (105) therefor. In this way, a user can use the home device as a host home device (102) by connecting an MP3 player (103) thereto and then using the host home device's remote control (RC) (105) to access the functions of the MP3 player (103). A special connector (104) is required on the host home device and a special cable (101) must be connected between this connector and the MP3 player for analog control and information transfer between the host (102) and the MP3 player (103). No cable or connector, other than those normally available (106), is required for digital exchanges of remote commands and audio?



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INTERNATIONAL SEARCH REPORT

International application No PCT/IB2006/053484

A. CLASSIFICATION OF SUBJECT MATTER INV. H04B1/20									
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) H04B									
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 rele	evant passages	Relevant to claim No.						
Χ	EP 0 612 157 A2 (SONY CORP [JP]) 24 August 1994 (1994-08-24) abstract; claim 1; figure 8		1–17						
X	EP 0 849 884 A1 (SONY CORP [JP]) 24 June 1998 (1998-06-24) abstract; claim 1; figure 3		1–17						
Further documents are listed in the continuation of Box C. X See patent family annex.									
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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
EP 0612157	A2	24-08-1994	DE DE DE DE US	69417080 D1 69417080 T2 69426037 D1 69426037 T2 5488357 A	22-04-1999 09-09-1999 02-11-2000 17-05-2001 30-01-1996
EP 0849884	A1	24-06-1998	CA CN DE DE JP JP US	2223942 A1 1191424 A 69728845 D1 69728845 T2 3612696 B2 10178686 A 6400280 B1	18-06-1998 26-08-1998 03-06-2004 31-03-2005 19-01-2005 30-06-1998 04-06-2002

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