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| <b>(51) International Patent Classification <sup>6</sup> :</b><br><b>G11B 27/00, H04B 1/20, H04L 12/28,<br/>G11B 31/00, 27/36</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>A1</b> | <b>(11) International Publication Number:</b> <b>WO 99/06998</b><br><b>(43) International Publication Date:</b> 11 February 1999 (11.02.99)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>(21) International Application Number:</b> PCT/US98/15602<br><b>(22) International Filing Date:</b> 28 July 1998 (28.07.98)<br><b>(30) Priority Data:</b><br>60/054,263 30 July 1997 (30.07.97) US<br><b>(71) Applicant (for all designated States except US):</b> SONY ELECTRONICS, INC. [US/US]; MDT 7, 1 Sony Drive, Park Ridge, NJ 07656 (US).<br><b>(72) Inventors; and</b><br><b>(75) Inventors/Applicants (for US only):</b> LUDTKE, Harold, Aaron [-/US]; 5876 Eittersberg Drive, San Jose, CA 95123 (US). KAWAMURA, Harumi [-/JP]; 2-12-6-101, Okusawa Setagaya-ku, Tokyo 158 (JP). INOUE, Hiraku [-/JP]; 5-11-16-205, Kitaterao, Tsurumi-ku, Yokohamashi, Kanagawa 230 (JP).<br><b>(74) Agents:</b> GALLENSON, Mavis, S. et al.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036-5679 (US).                                                                                                                                                                                                                                                                                                                                                                       |           | <b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).<br><br><b>Published</b><br><i>With international search report.</i><br><i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i><br><i>Under Rule 91.1(f), with a request for rectification.</i> |
| <b>(54) Title:</b> MODEL AND COMMAND SET FOR AN AV/C-BASED DISC PLAYER/RECORDER SUBUNIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>(57) Abstract</b><br><p>In a home audio visual network including a plurality of devices coupled via an IEEE 1394 bus, a system for accessing a media changer mechanism of a multi-item media player. The multi-item media player stores a plurality of media items and can play any of the plurality of media items. A media changer mechanism having a plurality of slots for storing the plurality of media items is included within the multi-item media player. A computer system is built into the multi-item media player. A software based media changer model executes on the computer system, and in turn, causes the computer system to implement a method of accessing the media changer mechanism. In so doing, the computer system interfaces with a plurality of devices coupled to the multi-item media player via an IEEE 1394 communications link of an IEEE 1394 based network and provides a standardized command set for the media changer mechanism. The media changer model provides a set of standardized commands that allow the plurality of devices on the network to access the media changer mechanism and access any of the plurality of media items stored therein.</p> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |