

Title (en)

A method of menu-driven control of an external connected device in an audio/video apparatus

Title (de)

Verfahren zur menü-gesteuerten Bedienung einer äusseren Einrichtung, die an einem Audio/Videogerät angeschlossen ist

Title (fr)

Méthode de commande par menu d'un dispositif externe branché sur un appareil audio/video

Publication

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Application

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Abstract (en)

[origin: EP1113442A2] The present invention relates to a method of menu-driven control of an external device connected to a digital audio/video apparatus. According to this invention, in response to user's request of a menu image for the external device, a menu image is displayed on a display of the digital audio/video apparatus, menu image including menu items associated with operations of the external device and menu items associated with the request of an image of the detailed menu of the external device. When a menu item for operations of the external device is selected, a command is transmitted to the external device to have the external device perform the desired operation. When a menu item associated with the request of the detailed menu image is chosen, the menu image is received from the external device and is then displayed on the display of the digital audio/video apparatus. This invention allows a user to conveniently, centrally examine and execute various operations or functions of external devices like DVD players that are connected to a central digital apparatus without the direct access to the external devices. <IMAGE>

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Cited by

FR2838906A1; GB2402755A; GB2402755B; EP2538411A1; EP2538412A3; EP1463052A1; CN102122520A; KR101035105B1; EP1365398A3; US7714940B2; WO2004051644A1; US8565585B2; WO03092275A1; US9367210B2; EP1568024A4; EP1463321B1; WO2004086392A1; WO2004100003A3; US7653882B2; US7499107B2; US8990694B2; US9354783B2; US9372599B2; US9557888B2; US10353547B2; US7539095B2

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