

Title (en)
TALKING REMOTE CONTROL WITH DISPLAY

Title (de)
SPRACHGESTEUERTE FERNBEDIENUNG MIT ANZEIGE

Title (fr)
CONTROLE VOCAL A DISTANCE A AFFICHAGE

Publication
EP 0931415 A1 19990728 (EN)

Application
EP 97911643 A 19971008

Priority
• US 9718187 W 19971008
• US 2795196 P 19961008

Abstract (en)
[origin: WO9816062A1] A remote controller includes a display screen (12) and a speaker (14). The remote controller receives and stores transmitted television program information, preferably including an electronic program guide (EPG). Preferably the program information is transmitted over a wireless paging system (Fig. 6) at a preferred frequency of about 900 MHz. A microcontroller (46) in the controller includes a digital signal processor for sorting and storing the retrieved program information. In response to a viewer command input through a keypad (15) on the remote controller, the microcontroller selectively retrieves and displays at least a portion of the program information on the display screen of the remote controller. The display changes as the viewer changes channels or scrolls through the EPG. The remote controller also has a voice message function. When the voice message function is activated, the microcontroller retrieves and processes a voice message for announcement through the speaker. The voice message corresponds to the television program currently displayed on an associated television system or a selected program in the EPG.

IPC 1-7
H04N 5/44

IPC 8 full level
H04N 5/44 (2011.01); **H04N 5/445** (2011.01); **H04N 7/025** (2006.01); **H04N 7/03** (2006.01); **H04N 7/035** (2006.01); **H04Q 9/00** (2006.01)

CPC (source: EP US)
H04N 7/163 (2013.01 - EP); **H04N 21/41265** (2020.08 - EP US); **H04N 21/42204** (2013.01 - EP); **H04N 21/42209** (2013.01 - EP); **H04N 21/42222** (2013.01 - EP); **H04N 21/4316** (2013.01 - EP); **H04N 21/47** (2013.01 - EP); **H04N 21/47214** (2013.01 - EP); **H04N 21/482** (2013.01 - EP); **H04N 21/6131** (2013.01 - EP)

Cited by
GB2481992A; US9263027B2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9816062 A1 19980416; AU 4896397 A 19980505; CA 2267895 A1 19980416; CN 1237308 A 19991201; EP 0931415 A1 19990728; EP 0931415 A4 19990922; JP 2001511958 A 20010814

DOCDB simple family (application)
US 9718187 W 19971008; AU 4896397 A 19971008; CA 2267895 A 19971008; CN 97199561 A 19971008; EP 97911643 A 19971008; JP 51772998 A 19971008