

Title (en)

A METHOD AND SYSTEM FOR A BI-DIRECTIONAL TRANSCEIVER

Title (de)

VERFAHREN UND VORRICHTUNG FÜR EIN EN BIDIREKTIONELLEN SENDEEMPFÄNGER

Title (fr)

PROCEDE ET SYSTEME POUR EMETTEUR-RECEPTEUR BIDIRECTIONNEL

Publication

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Application

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Abstract (en)

[origin: WO0150740A1] A bi-directional transceiver for seamlessly combining internet information with video information to create an interactive display interface for viewing by a user is disclosed. The transceiver includes an in-band tuner for receiving a digital broadcast signal and generating a data stream therefrom. The in-band tuner is coupled to an audio video decoder for decoding the data stream into a resulting video signal. The transceiver also includes a cable modem for implementing bi-directional communication using internet protocols. The operation of the in-band tuner the audio video decoder and the cable modem is managed and coordinated by a CPU. The CPU is a component having a digital processor coupled to a memory. The memory is for storing computer readable code which when executed by the processor cause the transceiver to perform the functions required to create the interactive display for the user. In creating display, a display interface is generated including video from the video signal and a web page from the cable modem. The display interface signal is coupled to a monitor for viewing by the user. The transceiver recognizes user input as the user interacts with elements of the display interface. The user input is transmitted upstream using the cable modem.

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