Title (en)

A SET-TOP BOX WITH AN INTERNET BIOS FOR INTERNET ACCESS

Title (de)

SET-TOP-BOX MIT EINEM INTERNET-BIOS FÜR INTERNET-ZUGRIFF

Title (fr)

DECODEUR INTEGRE A UN RECEPTEUR DE TELEVISION ET POURVU D'UN SYSTEME BIOS INTERNET PERMETTANT L'ACCES AU RESEAU INTERNET

Publication

EP 0877980 A1 19981118 (EN)

Application

EP 97904131 A 19970131

Priority

• US 9701554 W 19970131
• US 59463896 A 19960202

Abstract (en)

[origin: WO9728499A1] A set-top box for receiving and decoding data streams to provide video display on a display monitor (20, 22) has a unique Internet BIOS (IBIOS) adapted for providing a user interface on a connected display monitor (20, 22), providing facility for a user to access and display Web pages from the Internet World Wide Web. The IBIOS is installed in a non-volatile memory (47), and comprises a basic input output (BIOS) code set, an operating system, a Transfer Control Protocol/Internet Protocol (TCP/IP) code set, an embedded Web Browser application, and a top managing application. The set-top box is computer based, and has, in various embodiments, various capability for receiving and decoding incoming data streams and providing display from the data streams on a connected display monitor (20, 22), which may be a television set (20) or other monitor (22).

IPC 1-7

G06F 9/00

IPC 8 full level

G06F 15/00 (2006.01); **G06F 9/445** (2006.01); **G06F 13/00** (2006.01); **H04L 29/06** (2006.01); **H04N 5/00** (2011.01); **H04N 5/44** (2011.01); **H04N 5/445** (2011.01); **H04N 5/765** (2006.01); H04N 7/16 (2011.01)

CPC (source: EP)

G06F 9/4401 (2013.01); **G06F 9/44573** (2013.01); **H04L 69/161** (2013.01); **H04N 21/25891** (2013.01); **H04N 21/4181** (2013.01); **H04N 21/42228** (2013.01); **H04N 21/426** (2013.01); **H04N 21/42646** (2013.01); **H04N 21/42676** (2013.01); **H04N 21/443** (2013.01); **H04N 21/4622** (2013.01); **H04N 21/47** (2013.01); **H04N 21/4782** (2013.01); **H04N 21/4821** (2013.01); **H04N 21/64322** (2013.01); H04L 69/16 (2013.01)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9728499 A1 19970807; CN 1232562 A 19991020; EP 0877980 A1 19981118; EP 0877980 A4 20000329; JP 2000504134 A 20000404

DOCDB simple family (application)

US 9701554 W 19970131; CN 97192022 A 19970131; EP 97904131 A 19970131; JP 52783797 A 19970131