

Title (en)

MULTIPROTOCOL RECONFIGURABLE NETWORK ADAPTER

Title (de)

MEHRPROTOKOLL REKONFIGURIERBARE NETZANPASSUNGSEINRICHTUNG

Title (fr)

ADAPTATEUR RESEAU MULTIPROTOCOLE RECONFIGURABLE

Publication

EP 1042893 A1 20001011 (EN)

Application

EP 98959359 A 19981208

Priority

- SG 9800099 W 19981208
- US 99427997 A 19971219

Abstract (en)

[origin: WO9933243A1] A digital communications device having a dynamically reconfigurable extension port bus (XP BUS) for enables communication between customer premise equipment (CPE), such as personal computers (PCS), and network specific attachment units (NSAUs). The NSAUs, connected to the XP BUS, may vary and differ. A host adapter, including a host bus interface controller, couples the XP BUS to the CPE through a bus. The device may operate in any number of multiple different communications modes, and hybrids of such modes. The device automatically detects and identifies the presence and type of a particular NSAU and initiates the loading of appropriate software for, and reconfiguration of the XP BUS for compatibility with, the detected and identified NSAU. Software is downloaded from the CPE host to the host adapter and NSAUs. The XP BUS dynamically reconfigures. Multiple NSAUs may be supported by the XP BUS, as a result.

IPC 1-7

H04L 29/06; H04L 29/08; H04M 11/06; G06F 9/445; G06F 13/38

IPC 8 full level

G06F 9/445 (2006.01); **H04L 12/56** (2006.01); **H04L 29/06** (2006.01); **H04M 11/00** (2006.01)

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