

Title (en)

METHOD AND SYSTEM FOR PROVIDING XDSL AND TELEPHONE SERVICE VIA TELECOMMUNICATION NETWORKS

Title (de)

VERFAHREN UND SYSTEM ZUR BEREITSTELLUNG VON XDSL- UND TELEFONDIENTST ÜBER TELEKOMMUNIKATIONSNETZE

Title (fr)

PROCEDE ET SYSTEME PERMETTANT DE FOURNIR UN SERVICE XDSL ET UN SERVICE TELEPHONIQUE PAR DES RESEAUX DE TELECOMMUNICATION

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Application

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Abstract (en)

[origin: WO2005091613A1] A method and system for providing digital subscriber line (xDSL) and telephone service to subscribers via a telecommunication network. The Installation of xDSL for providing broadband service is performed by connecting the subscriber line in the central office main distribution frame (MDF) to a high-speed data network 126. In an embodiment of the invention, the method comprises the steps of: connecting the subscriber lines 140 to a pool of integrated filter board(s) 160 on the exchange side for separating the signal components relating to the telephone service from signal components relating to the digital data signals, routing the signal components relating to the telephone service to a new physical port on the exchange, re-configuring the logical port on the exchange to correspond with the new physical port in order to retain the subscriber's previous telephone service and number, and routing the digital data signals from the pooled integrated filter board(s) to a modem bank for transmission to and from the data network 126. In a further embodiment, the system for providing DSL service is operable in cooperation with an automated cross-connect system 400 installed within the MDF. The automated cross-connect system performs automated routing of subscriber lines to the pooled integrated filter board(s) for onward connection to the exchange and data network 126.

IPC 8 full level

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