Title (en)
METHOD AND SYSTEM FOR PROVISIONING BROADBAND SERVICE

Title (de)
VERFAHREN UND SYSTEM ZUR BEREITSTELLUNG EINES BREITBANDDIENSTES

Title (fr)
PROCEDE ET SYSTEME DE FOURNITURE DE SERVICE A LARGE BANDE

Publication
EP 1844602 A1 20071017 (EN)

Application
EP 06704652 A 20060125

Priority
- IB 2006050275 W 20060125
- SE 0500201 A 20050126

Abstract (en)

[origin: WO2006079984A1] A method and system is disclosed for provisioning broadband service relatively instantaneously to a subscriber line via a telecommunication network at the subscriber's initiative. In an embodiment of the invention, a broadband capable computer (101) is connected to the telecommunication network by plugging into a standard telephone jack at the subscriber premises. A detector (112) in the central office detects the presence of the computer by detecting the high frequency data signals on the line from the modem and automatically routes the line to a filter device for separating the telephone signals from the data signals using an automated cross-connect system 400. The telephone signals are routed to the exchange and onward to the PSTN for regular telephone service. The data signals are routed to a pool of xDSL modems for connection to a high-speed data network (126). In another embodiment, the telephone signals are routed to a new physical port on the exchange, which is reconfigured by software within the central office to represent logical port 1 corresponding to the original physical port 1 such that the subscriber is able to maintain his previous level of service and telephone number. A portal web page for allowing the subscriber to choose a broadband service provider among multiple providers is automatically displayed on the computer such that the line is switched to the modem equipment operated by the selected broadband provider within the central office.

IPC 8 full level
H04M 11/06 (2006.01)

CPC (source: EP)
H04L 12/5692 (2013.01); **H04M 11/062** (2013.01)

Citation (search report)
See references of WO 2006079984A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006079984 A1 20060803; EP 1844602 A1 20071017

DOCDB simple family (application)
IB 2006050275 W 20060125; EP 06704652 A 20060125