

Title (en)

COMMUNICATIONS GATEWAY WITH INTEGRATED HOME PHONELINE DIGITAL NETWORKING INTERFACE

Title (de)

KOMMUNIKATIONEN GATEWAY MIT INTEGRIERTER DIGITALER SCHNITTSTELLE UND VERNETZUNG VIA TELEFONLEITUNGEN ZU HAUSE

Title (fr)

PASSERELLE DE COMMUNICATIONS A INTERFACE INTEGREE DE MISE EN RESEAU NUMERIQUE DE LIGNES TELEPHONIQUES DOMESTIQUES

Publication

EP 1169844 A1 20020109 (EN)

Application

EP 00923150 A 20000407

Priority

- US 0009207 W 20000407
- US 12860299 P 19990408

Abstract (en)

[origin: WO0062522A1] A hybrid-fiber coax IP telephony device supports multiple phone lines without requiring new telephone wires to be installed. One embodiment adapts an integrated HomePNA interface in a Communications Gateway to support a standard connector, such as an RJ11 connector, for connecting to existing home phone wire. The first telephone line can be with traditional analog signals compliant with today's telephones. The second, third and higher lines can be achieved by sending digital voice packets over the HomePNA network to HomePNA receivers plugged into wall jacks. Those receivers translate the HomePNA signals to traditional telephone signals to support traditional phones.

IPC 1-7

H04M 11/06; **H04Q 11/04**

IPC 8 full level

H04M 11/06 (2006.01); **H04Q 11/04** (2006.01)

CPC (source: EP)

H04M 7/0069 (2013.01); **H04M 11/06** (2013.01); **H04Q 11/04** (2013.01); **H04Q 2213/13034** (2013.01); **H04Q 2213/13096** (2013.01); **H04Q 2213/13099** (2013.01); **H04Q 2213/1323** (2013.01); **H04Q 2213/13248** (2013.01); **H04Q 2213/13389** (2013.01)

Citation (search report)

See references of WO 0062522A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0062522 A1 20001019; AU 4332300 A 20001114; CA 2369635 A1 20001019; EP 1169844 A1 20020109

DOCDB simple family (application)

US 0009207 W 20000407; AU 4332300 A 20000407; CA 2369635 A 20000407; EP 00923150 A 20000407