

Title (en)
RECONFIGURABLE ON-DEMAND TELEPHONE AND DATA LINE SYSTEM

Title (de)
AUF ANFRAGE REKONFIGURIERBARES TELEFON- UND DATENLEITUNGSSYSTEM

Title (fr)
SYSTEME DE TELEPHONE ET DE LIGNES DE DONNEES RECONFIGURABLE A LA DEMANDE

Publication
EP 0839428 A1 19980506 (EN)

Application
EP 96927299 A 19960717

Priority
• US 147695 P 19950718
• US 9612631 W 19960717

Abstract (en)
[origin: CA2227267A1] The present invention uses digital communications over a non-telephone wiring network (220) (i.e. existing power line distribution network) to provide telephone line service to individual users (210). The telephone line service is "on-demand" in that any user can interface a telephonic device to the electrical wiring (220) and instantly obtain telephone line service. The present system may be used to provide primary telephone service and alternatively secondary telephone service for those not willing to pay for dedicated line service. For primary or secondary service, the telephone number associated with the line may be assigned by the telephone company, or utility company, or may be a uniquely assigned telephone number hardwired into each particular telephone to be connected to the electrical wiring (220). The additional "on-demand" telephone lines may be assigned an identifier, such as a suffix, for use in routing calls to and from the particular "on-demand" line.

IPC 1-7
H04M 11/00

IPC 8 full level
H04B 3/54 (2006.01); **H04L 12/66** (2006.01); **H04M 3/00** (2006.01); **H04M 9/00** (2006.01); **H04M 11/00** (2006.01); **H04N 7/16** (2011.01); **H04N 21/61** (2011.01)

IPC 8 main group level
H04M (2006.01)

CPC (source: KR)
H04M 11/00 (2013.01)

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
AU 6717196 A 19970218; AU 706579 B2 19990617; CA 2227267 A1 19970206; CA 2227267 C 20111011; CN 1185851 C 20050119; CN 1196149 A 19981014; EP 0839428 A1 19980506; EP 0839428 A4 20010718; IL 122965 A0 19980816; IL 122965 A 20010319; JP 4125368 B2 20080730; JP H11510015 A 19990831; KR 100443208 B1 20041103; KR 19990029040 A 19990415; TW 417368 B 20010101

DOCDB simple family (application)
AU 6717196 A 19960717; CA 2227267 A 19960717; CN 96196961 A 19960717; EP 96927299 A 19960717; IL 12296596 A 19960717; JP 50697497 A 19960717; KR 19980700343 A 19980116; TW 85109154 A 19960726