

Title (en)
COMPUTER TELEPHONY INTEGRATED PBX

Title (de)
INTEGRIERTE RECHNER-TELEFON-NEBENSTELLENANLAGE

Title (fr)
CENTRAL TELEPHONIQUE INTEGRE INFORMATISE

Publication
EP 1051836 A4 20041117 (EN)

Application
EP 99904361 A 19990127

Priority
• US 9901791 W 19990127
• US 1374598 A 19980127

Abstract (en)
[origin: WO9938312A1] A telephony and data network (figure 1) is achieved by integrating a plurality of signal switching circuits in circuit hub devices. The devices (Hubs) each resemble a typical 10 Base-T, 8 port ethernet hub in size and outward appearance and preferably has an 8 port interface. This interface is constructed and arranged to interconnect to phone lines directed from a standard analog signal handling telephone set, and also from a telephone system central office. It therefore acts as an interface device between these two points in the telephone network. Each Hub provides a signal processing circuit having digital/analog signal converting capability in the form of standard telephone coder-decoder circuits. These Codec circuits are supervised by a digital signal processor which is a part of the signal processing circuit of the Hub. The Hub circuit also provides a general-purpose microprocessor capable of handling LAN communications. The Hub is configured to communicate over a LAN with any standard protocol. Software is written to allow interfacing with common personal computer operating systems and applications.

IPC 1-7
H04M 3/42; **H04L 12/56**; **H04L 12/28**

IPC 8 full level
H04Q 3/545 (2006.01); **H04M 3/00** (2006.01); **H04M 3/42** (2006.01); **H04M 11/00** (2006.01); **H04Q 3/58** (2006.01)

CPC (source: EP)
H04M 3/42323 (2013.01); **H04M 7/0018** (2013.01)

Citation (search report)
• [A] US 5657327 A 19970812 - HAMADA TAKUJI [JP], et al
• [A] US 5617418 A 19970401 - SHIRANI RAMIN [US], et al
• See references of WO 9938312A1

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 9938312 A1 19990729; AU 2477399 A 19990809; CA 2318541 A1 19990729; EP 1051836 A1 20001115; EP 1051836 A4 20041117; JP 2002504761 A 20020212

DOCDB simple family (application)
US 9901791 W 19990127; AU 2477399 A 19990127; CA 2318541 A 19990127; EP 99904361 A 19990127; JP 2000529075 A 19990127