Title (en)

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR SWITCHED TELEPHONY COMMUNICATION

Title (de)

SYSTEM, VERFAHREN UND HERGESTELLTER GEGENSTAND FÜR FERNSPRECHSCHALTKOMMUNIKATION

Title (fr)

SYSTEME PROCEDE ET ARTICLE CON U POUR LES COMMUNICATIONS TELEPHONIQUES PAR RESEAU COMMUTE

Publication

EP 0976234 A2 20000202 (EN)

Application

EP 98919806 A 19980415

Priority

- US 9807927 W 19980415
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Abstract (en)

[origin: WO9847298A2] A hybrid telecommunication system includes a switched network which transfers information across the Internet to provide multi-routed and multidimensional callback processing. The hybrid network includes one or more switched networks coupled to one or more packet transmission networks, and a call router coupled to the switched communication network and the packet transmission network to route information to the appropriate switched telephony device or Internet device address. A computer with an attached display communicates with the packet transmission network. The computer is used to initiate remote management of the hybrid network, including tests of the hybrid network. The tests include circuit analysis such as selecting signaling states which could be loop start, ground start, or detecting signals such as dual tone multifrequency, multifrequency or dialpulse. The hybrid network includes support for an operator to monitor the management of the hybrid network, and an expert system to regulate the Quality of Service of the hybrid telecommunication system.

IPC 1-7 (main, further and additional classification)

H04M 3/42; H04M 3/30; H04M 7/00; H04Q 3/00

IPC 8 full level (invention and additional information)

H04M 3/42 (2006.01); **H04L 12/64** (2006.01); **H04M 3/00** (2006.01); **H04M 3/22** (2006.01); **H04M 3/30** (2006.01); **H04M 7/00** (2006.01); **H04M 11/00** (2006.01); **H04W 4/24** (2009.01); **H04W 24/00** (2009.01); H04M 3/48 (2006.01); H04M 7/12 (2006.01); H04Q 3/72 (2006.01)

CPC (invention and additional information)

H04W 4/24 (2013.01); **H04M 3/2254** (2013.01); **H04M 3/30** (2013.01); **H04M 7/0036** (2013.01); **H04M 7/0054** (2013.01); **H04M 7/1235** (2013.01); **H04M 7/125** (2013.01); **H04M 7/126** (2013.01); **H04M 7/128** (2013.01); **H04M 7/1295** (2013.01); **H04W 24/00** (2013.01); H04M 3/4228 (2013.01); H04M 3/48 (2013.01); H04M 7/12 (2013.01); H04M 2215/32 (2013.01); H04Q 3/72 (2013.01)

Citation (search report)

See references of WO 9847298A3

Cited by

US9625511B2; US9714972B2; US10168374B2; US10175282B2

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

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