

Title (en)

A METHOD FOR UTILIZING POINT-TO-POINT COMMUNICATION DEVICES INCLUDING FAX MACHINES AS BI-DIRECTIONAL INTERNET TERMINALS

Title (de)

VERFAHREN ZUR VERWENDUNG VON PUNKT-ZU-PUNKT-KOMMUNIKATIONSGERÄTEN, EINSCHLIESSLICH FAXGERÄTEN, ALS BIDIREKTIONALE INTERNETENDGERÄTE

Title (fr)

PROCEDE POUR UTILISER COMME TERMINAUX INTERNET BIDIRECTIONNELS DES APPAREILS DE COMMUNICATIONS POINT A POINT TELS QUE DES TELECOPIEURS

Publication

EP 0880848 A4 19991124 (EN)

Application

EP 96921451 A 19960607

Priority

- US 9609811 W 19960607
- US 48320295 A 19950607

Abstract (en)

[origin: WO9641463A1] Devices, such as FAX machines (201, 207), which are intended to communicate with each other over point-to-point dial-up (i.e. telephone) communication networks and, thus, do not affix electronic addresses to their message content, can be made to successfully communicate with addressable electronic mailboxes, such as those common on The Internet, by interfacing with an internet/FAX server (203, 205) which determines an appropriate network address and repackages the communication for a packet-switching communication network. The electronic address can be derived directly from information specified from the transmitting FAX station including: machine-readable graphics (e.g., barcodes or OCR text) embedded within the FAX content, DTMF keypad tones, a digital FAX ID field or new digital information field; or indirectly by table-look-up based on data including: the DID, caller ID, FAX ID field. In particular, when an EMail message is delivered from the internet to a FAX, via such an internet/FAX server, a return coversheet can be provided which will automatically route any return FAX to the original EMail box.

IPC 1-7

H04N 1/00

IPC 8 full level

G06F 13/00 (2006.01); **H04N 1/00** (2006.01); **H04N 1/32** (2006.01)

CPC (source: EP)

H04N 1/00204 (2013.01); **H04N 1/00209** (2013.01)

Citation (search report)

- [X] EP 0465011 A2 19920108 - HEWLETT PACKARD CO [US]
- [A] US 4941170 A 19900710 - HERBST NOEL M [US]
- [A] GRONERT EL: "FAX SERVERS GETA FIX ON INCOMING MESSAGES", DATA COMMUNICATIONS, vol. 23, no. 10, 1 July 1994 (1994-07-01), pages 55 - 56C, XP000457360, ISSN: 0363-6399
- See references of WO 9641463A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9641463 A1 19961219; EP 0880848 A1 19981202; EP 0880848 A4 19991124; IL 122458 A0 19980615; JP H11507778 A 19990706

DOCDB simple family (application)

US 9609811 W 19960607; EP 96921451 A 19960607; IL 12245896 A 19960607; JP 50202497 A 19960607