

Title (en)
SECURE INTERNET COMPATIBLE BI-DIRECTIONAL COMMUNICATION SYSTEM AND USER INTERFACE

Title (de)
GESICHERTES INTERNETFÄHIGES BIDIREKTIONALES ÜBERTRAGUNGSSYSTEM UND BENUTZERSCHNITTSTELLE

Title (fr)
SYSTEME ET INTERFACE UTILISATEUR POUR UNE COMMUNICATION BIDIRECTIONNELLE SECURISEE COMPATIBLE AVEC INTERNET

Publication
EP 1222765 A2 20020717 (EN)

Application
EP 00975248 A 20001013

Priority

- US 0028344 W 20001013
- US 15978899 P 19991015
- US 56753000 A 20000509

Abstract (en)
[origin: WO0130009A2] A system including a modem prevents unauthorized Internet access by validating authorization of a User command and inhibiting (425, 430) Internet access by limiting bridging communication between a first port and a second port in response to the validated (410, 415) User command. The system maintains communication with a remote device on a first link via a first port using a plurality of communication protocol layers during a period in which bridging communication is inhibited. The system also prevents Internet access by inhibiting (425, 430) Internet access on a first communication protocole layer of a plurality of protocole layers. The system maintains communication with a remote device on a different second communication protocol layer of the plurality of protocol layers during a period in which communication on the first protocol layer is inhibited.

IPC 1-7
H04L 1/00

IPC 8 full level
H04N 7/10 (2006.01); **G06F 17/30** (2006.01); **H04L 12/24** (2006.01); **H04L 12/28** (2006.01); **H04L 12/46** (2006.01); **H04L 12/66** (2006.01); **H04L 29/06** (2006.01); **H04L 29/08** (2006.01); **H04L 29/12** (2006.01); **H04N 7/16** (2011.01)

CPC (source: EP KR)
G06F 16/95 (2018.12 - EP); **H04L 12/22** (2013.01 - KR); **H04L 12/2801** (2013.01 - EP); **H04L 41/0803** (2013.01 - EP); **H04L 41/0806** (2013.01 - EP); **H04L 41/082** (2013.01 - EP); **H04L 41/22** (2013.01 - EP); **H04L 41/28** (2013.01 - EP); **H04L 61/4511** (2022.05 - EP); **H04L 63/08** (2013.01 - EP); **H04L 67/02** (2013.01 - EP); **H04L 67/51** (2022.05 - EP); **H04L 67/55** (2022.05 - EP); **H04L 67/75** (2022.05 - EP); **H04N 21/437** (2013.01 - EP); **H04N 21/4622** (2013.01 - EP); **H04N 21/4751** (2013.01 - EP); **H04N 21/4782** (2013.01 - EP); **H04L 69/329** (2013.01 - EP)

Citation (search report)
See references of WO 0130009A2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 0130009 A2 20010426; **WO 0130009 A3 20020103**; AU 1332701 A 20010430; BR 0014773 A 20020611; CN 1379945 A 20021113; EP 1222765 A2 20020717; JP 2003512763 A 20030402; KR 20020047222 A 20020621; MX PA02003709 A 20020830

DOCDB simple family (application)
US 0028344 W 20001013; AU 1332701 A 20001013; BR 0014773 A 20001013; CN 00814293 A 20001013; EP 00975248 A 20001013; JP 2001531243 A 20001013; KR 20027004574 A 20020410; MX PA02003709 A 20001013