

Title (en)

METHOD AND APPARATUS FOR PROVIDING USER MULTIPLEXING IN A REAL-TIME PROTOCOL

Title (de)

VERFAHREN UND GERÄT ZUR VERSORGUNG VON BENUTZERMULTIPLEXIERUNG IN EINEM ECHTZEITPROTOKOLL

Title (fr)

PROCEDE ET APPAREIL ASSURANT UN MULTIPLEXAGE UTILISATEUR DANS UN PROTOCOLE EN TEMPS REEL -

Publication

**EP 1106008 A1 20010613 (EN)**

Application

**EP 99945006 A 19990805**

Priority

- US 9917389 W 19990805
- US 13727698 A 19980820

Abstract (en)

[origin: WO0011849A1] An efficient real-time transport protocol multiplexing method and apparatus for transporting compressed speech between IP telephony gateways. The protocol eliminates bandwidth usage inefficiencies in transporting short packets between nodes connected by an IP network, wherein the method and apparatus enables a number of users to share a single RTP/UDP/IP connection. The protocol includes creating a header for a plurality of data packets, each header providing identification of a user associated with a packet, adding each header to the data packet associated therewith to form mini-IP payloads, multiplexing the mini-IP payloads into a RTP payload and transmitting the RTP payload over a single RTP/UDP/IP connection.

IPC 1-7

**H04L 29/06**; **H04L 12/64**

IPC 8 full level

**H04L 12/56** (2006.01); **H04L 12/46** (2006.01); **H04L 12/64** (2006.01); **H04L 12/66** (2006.01); **H04L 29/06** (2006.01); **H04M 7/00** (2006.01); **H04Q 7/30** (2006.01); **H04L 29/08** (2006.01); **H04Q 7/22** (2006.01)

CPC (source: EP)

**H04L 12/6418** (2013.01); **H04L 65/103** (2013.01); **H04L 65/104** (2013.01); **H04L 65/65** (2022.05); **H04L 65/70** (2022.05); **H04L 69/04** (2013.01); **H04L 69/161** (2013.01); **H04L 69/164** (2013.01); **H04L 69/326** (2013.01); **H04L 69/16** (2013.01); **H04L 69/22** (2013.01); **H04L 2012/6472** (2013.01); **H04L 2012/6481** (2013.01)

Citation (search report)

See references of WO 0011849A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 0011849 A1 20000302**; AU 5771199 A 20000314; EP 1106008 A1 20010613; JP 2002523981 A 20020730

DOCDB simple family (application)

**US 9917389 W 19990805**; AU 5771199 A 19990805; EP 99945006 A 19990805; JP 2000567001 A 19990805