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

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Application

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Priority

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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.

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