

Title (en)

A METHOD FOR PACKET SWITCHED DATA TRANSMISSION

Title (de)

VERFAHREN ZUR PAKETVERMITTELTEN DATENÜBERTRAGUNG

Title (fr)

PROCEDE DE TRANSMISSION DE DONNEES COMMUTEES PAR PAQUETS

Publication

EP 0981925 A2 20000301 (EN)

Application

EP 98921511 A 19980512

Priority

- FI 9800401 W 19980512
- FI 972039 A 19970513

Abstract (en)

[origin: WO9852327A2] The invention relates to packet-switched transmission of calls and particularly to real-time packet-switched transmission of speech calls. The object of the invention is to provide a method that allows efficient use of the transmission capacity without impairing the quality of real-time calls: information can here be transmitted by a packet-switched method so that the transmission delays remain short and the transmission delay of one and the same call does not vary at the receiving end. The method of the invention comprises defining a repetition period (R) that is notably longer than the duration of the transmission of a single packet, defining the starting point (0) of the repetition period, receiving a packet (2), allocating a time slice (1') of the same duration as the packet from the repetition period for the connection that the packet is associated with, and transmitting the packet in the time slice allocated and when a new packet associated with the same connection is received, transmitting the packet in the time slice allocated for the connection. Another object of the invention is to provide a network node in a data transmission network.

IPC 1-7

H04Q 11/04; **H04L 12/56**; **H04Q 7/22**

IPC 8 full level

H04L 12/56 (2006.01); **H04Q 7/22** (2006.01); **H04Q 11/04** (2006.01); **H04W 16/10** (2009.01); **H04W 72/12** (2009.01); **H04W 8/26** (2009.01); **H04W 72/04** (2009.01)

CPC (source: EP)

H04W 72/535 (2023.01); **H04W 84/08** (2013.01)

Citation (search report)

See references of WO 9852327A2

Designated contracting state (EPC)

BE DE DK ES FR GB IT NL SE

DOCDB simple family (publication)

WO 9852327 A2 19981119; **WO 9852327 A3 19990204**; AU 740399 B2 20011101; AU 7433798 A 19981208; CA 2289924 A1 19981119; CN 1256062 A 20000607; EP 0981925 A2 20000301; FI 972039 A0 19970513; FI 972039 A 19981114; NO 995554 D0 19991112; NO 995554 L 19991112; NZ 500825 A 20010427; RU 2195789 C2 20021227

DOCDB simple family (application)

FI 9800401 W 19980512; AU 7433798 A 19980512; CA 2289924 A 19980512; CN 98805039 A 19980512; EP 98921511 A 19980512; FI 972039 A 19970513; NO 995554 A 19991112; NZ 50082598 A 19980512; RU 99126441 A 19980512