

Title (en)

PACKET-SWITCHED DATA TRANSMISSION IN RADIO SYSTEM

Title (de)

PAKETVERMITTELTE DATENÜBERTRAGUNG IN EINEM FUNKSYSTEM

Title (fr)

TRANSMISSION DE DONNEES A COMMUTATION PAR PAQUETS DANS UN SYSTEME RADIO

Publication

**EP 1104637 A2 20010606 (EN)**

Application

**EP 99938418 A 19990812**

Priority

- FI 9900670 W 19990812
- FI 981757 A 19980814

Abstract (en)

[origin: WO0010348A2] The invention relates to a method of transmitting packet-switched data and a radio system comprising a transmitter (112, 114) and a receiver (116) arranged to transmit packet-switched data, and in which the connection (122, 124) between the transmitter and the receiver comprises at least two logical channels, and in which the transmitter and the receiver are arranged to use one logical channel for transmitting delay-critical information, and that the transmitter and the receiver are arranged to transmit the information as located in given transmission units and to employ the method of error protection in the transmission of the transmission units. In the solution of the invention the transmitter (112, 114) and the receiver (116) are arranged to employ a different method of error protection when transmitting data an delay-critical information. By means of the invention, services requiring fast transmission of high quality, such as speech and packet data, can be transmitted simultaneously as multiplexed.

IPC 1-7

**H04Q 7/22**

IPC 8 full level

**H04L 1/16** (2006.01); **H04L 12/28** (2006.01); **H04L 12/56** (2006.01); **H04L 69/14** (2022.01); **H04W 76/04** (2009.01); **H04W 72/06** (2009.01); **H04W 72/10** (2009.01)

CPC (source: EP)

**H04L 1/007** (2013.01); **H04L 1/1812** (2013.01); **H04L 1/1845** (2013.01)

Citation (search report)

See references of WO 0010348A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0010348 A2 20000224**; **WO 0010348 A3 20010215**; AU 5292699 A 20000306; AU 755295 B2 20021212; CN 1127866 C 20031112; CN 1313013 A 20010912; EP 1104637 A2 20010606; FI 981757 A0 19980814; FI 981757 A 20000215; JP 2002523934 A 20020730; JP 3416118 B2 20030616; NO 20010732 D0 20010213; NO 20010732 L 20010213

DOCDB simple family (application)

**FI 9900670 W 19990812**; AU 5292699 A 19990812; CN 99809669 A 19990812; EP 99938418 A 19990812; FI 981757 A 19980814; JP 2000565689 A 19990812; NO 20010732 A 20010213