

Title (en)

METHOD FOR IMPROVING THE QUALITY OF A TELECOMMUNICATION CONNECTION AND A NETWORK ELEMENT

Title (de)

METHODE ZUR VERBESSERUNG DER QUALITÄT EINER TELEKOMMUNIKATIONSVERBINDUNG UND EINES NETZWERKELEMENTS

Title (fr)

PROCEDE PERMETTANT D'AMELIORER LA QUALITE D'UNE CONNEXION DE TELECOMMUNICATION ET UN ELEMENT DE RESEAU

Publication

**EP 1177698 A1 20020206 (EN)**

Application

**EP 00925335 A 20000511**

Priority

- FI 0000422 W 20000511
- FI 991092 A 19990512

Abstract (en)

[origin: WO0070893A1] The invention relates to a method for guaranteeing the quality of a connection in a data-transmitting telecommunication system. In particular the invention relates to transmission of data through an Internet network, where at least one of the parties to the connection is a mobile station (101). According to the invention, a circuit-switched connection is set up in parallel with a packet-switched data transmission connection, and through that circuit-switched connection it is at least partly transmitted the data that requires a good transmission channel quality. Once such data type is speech data. In accordance with the invention, the circuit-switched connection is given an IP address of its own, which is used in connection establishment and data transmission. The circuit-switched connection may be realized through various arrangements in parallel with the packet-switched connection.

IPC 1-7

**H04Q 7/22**

IPC 8 full level

**H04Q 7/22** (2006.01); **H04W 28/18** (2009.01)

CPC (source: EP)

**H04W 28/18** (2013.01)

Citation (search report)

See references of WO 0070893A1

Citation (examination)

- WO 9916266 A1 19990401 - ERICSSON TELEFON AB L M [SE]
- WO 0010348 A2 20000224 - NOKIA NETWORKS OY [FI], et al
- WO 9933301 A1 19990701 - NOKIA MOBILE PHONES LTD [FI], et al
- WO 9525407 A1 19950921 - SIERRA WIRELESS INC [CA], et al
- SCHOLEFIELD C: "EVOLVING GSM DATA SERVICES", 1997 IEEE 6TH. INTERNATIONAL CONFERENCE ON UNIVERSAL PERSONAL COMMUNICATIONS, SAN DIEGO, CALIFORNIA, USA, vol. 2, 12 October 1997 (1997-10-12) - 16 October 1997 (1997-10-16), IEEE, New York, USA, pages 888 - 892, XP000777949

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**WO 0070893 A1 20001123**; AU 4409100 A 20001205; EP 1177698 A1 20020206; FI 991092 A0 19990512; FI 991092 A 20001113

DOCDB simple family (application)

**FI 0000422 W 20000511**; AU 4409100 A 20000511; EP 00925335 A 20000511; FI 991092 A 19990512