

Title (en)

METHOD AND DEVICE FOR ESTIMATING THE TRANSMISSION QUALITY OF A DIGITAL COMMUNICATION SIGNAL

Title (de)

VERFAHREN UND EINE VORRICHTUNG ZUR ABSCHÄTZUNG DER ÜBERTRAGUNGSQUALITÄT EINES DIGITALEN NACHRICHTENSIGNALS

Title (fr)

PROCEDE ET DISPOSITIF POUR L'EVALUATION DE LA QUALITE DE TRANSMISSION D'UN SIGNAL DE COMMUNICATION NUMERIQUE

Publication

**EP 1116355 A1 20010718 (DE)**

Application

**EP 99953652 A 19990901**

Priority

- DE 9902737 W 19990901
- DE 19843468 A 19980922

Abstract (en)

[origin: WO0018058A1] Disclosed is a method for estimating the transmission quality of a digital communication signal. According to the inventive method, a variable is determined for each bit of information that is transmitted by a transmitter to a receiver, whereby said variable acts as a measure for the reliability of correct detection thereof and is subjected to low pass filtering. A device (1) for carrying out said method can be connected to an equalizer (3). Said device comprises a low pass filter (5) that filters the probability value and delivers a representative signal for the estimation of transmission quality.

IPC 1-7

**H04L 1/20**; **H04L 1/00**

IPC 8 full level

**H03M 13/01** (2006.01); **H04B 7/26** (2006.01); **H04L 1/00** (2006.01); **H04L 1/20** (2006.01)

CPC (source: EP KR)

**H04L 1/20** (2013.01 - EP KR)

Citation (search report)

See references of WO 0018058A1

Cited by

CN100382520C

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**WO 0018058 A1 20000330**; AU 1029900 A 20000410; BR 9913984 A 20010619; CN 1319293 A 20011024; EP 1116355 A1 20010718; JP 2002525970 A 20020813; KR 20010088811 A 20010928

DOCDB simple family (application)

**DE 9902737 W 19990901**; AU 1029900 A 19990901; BR 9913984 A 19990901; CN 99811221 A 19990901; EP 99953652 A 19990901; JP 2000571604 A 19990901; KR 20017003700 A 20010322