

Title (en)

Method and apparatus for eliminating the frequency-offset of received signals in a digital transmission system

Title (de)

Verfahren und Vorrichtung zur Beseitigung des Frequenzversatzes in Empfangssignalen eines digitalen Übertragungssystems

Title (fr)

Procédé et dispositif pour l'élimination de la fréquence de décalage des signaux reçus dans un système de transmission numérique

Publication

EP 0603656 B1 19990303 (DE)

Application

EP 93119826 A 19931209

Priority

DE 4243787 A 19921223

Abstract (en)

[origin: EP0603656A2] In this digital transmission system, a control signal is transmitted at the transmitter end, by the evaluation of which signal the frequency offset of the received signal with respect to the transmitted signal can be determined. According to the invention, the frequency correction occurs in the frequency domain, that is to say, after the FFT in the receiver, by readdressing the memory contents which contain the carrier information in accordance with absolute value and phase. <IMAGE>

IPC 1-7

H03J 7/00; **H04L 5/06**

IPC 8 full level

H03J 7/00 (2006.01); **H04H 40/18** (2008.01); **H04L 5/06** (2006.01)

CPC (source: EP)

H04H 40/18 (2013.01); **H04H 2201/20** (2013.01)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0603656 A2 19940629; **EP 0603656 A3 19950510**; **EP 0603656 B1 19990303**; AT E177271 T1 19990315; DE 4243787 C1 19940526; DE 59309412 D1 19990408

DOCDB simple family (application)

EP 93119826 A 19931209; AT 93119826 T 19931209; DE 4243787 A 19921223; DE 59309412 T 19931209