

Title (en)

APPARATUS AND METHOD FOR ADAPTING AN ECHO CANCELLER IN A COMMUNICATION SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ANPASSUNG EINES ECHOKOMPENSATORS IN EINEM NACHRICHTENÜBERTRAGUNGSSYSTEM

Title (fr)

APPAREIL ET PROCEDE POUR L'ADAPTATION D'UN ANNULEUR D'ECHOS DANS UN SYSTEME DE COMMUNICATION

Publication

EP 0960521 A4 20040804 (EN)

Application

EP 98957984 A 19981113

Priority

- US 9824365 W 19981113
- US 98969297 A 19971212

Abstract (en)

[origin: WO9931866A1] An apparatus and method for adapting an echo canceller in a communication system reduces the number of taps in the echo canceller filter in order to reduce the amount of processing resources consumed by the echo canceller. A near-end echo canceller (406) is disabled if the modem (402) operates on the digital side of a digital-to-analog connection. A far-end echo canceller (408) is disabled if the modem (402) operates on the analog side of a digital-to-analog connection or if the round-trip delay is below a predetermined threshold. The far-end echo canceller (408) is truncated if the span of the far-end echo canceller overlaps the span of the near-end echo canceller (406).

IPC 1-7

H04M 9/08; H04B 3/23

IPC 8 full level

H04B 3/23 (2006.01)

CPC (source: EP)

H04B 3/23 (2013.01); **H04B 3/237** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9931866A1

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

WO 9931866 A1 19990624; AU 1411299 A 19990705; BR 9807321 A 20000418; CA 2279360 A1 19990624; CA 2279360 C 20021022; CN 1247664 A 20000315; EP 0960521 A1 19991201; EP 0960521 A4 20040804; ID 27681 A 20010419

DOCDB simple family (application)

US 9824365 W 19981113; AU 1411299 A 19981113; BR 9807321 A 19981113; CA 2279360 A 19981113; CN 98802498 A 19981113; EP 98957984 A 19981113; ID 990808 D 19981113