

Title (en)

ADAPTIVE NON-LINEAR ECHO COMPENSATOR

Title (de)

ADAPTIV NICHTLINEARER ECHOKOMPENSATOR

Title (fr)

COMPENSATEUR D'ECHO NON LINEAIRE ADAPTATIF

Publication

**EP 1042873 A1 20001011 (DE)**

Application

**EP 98965612 A 19981215**

Priority

- DE 9803671 W 19981215
- DE 19757337 A 19971222

Abstract (en)

[origin: DE19757337C1] The echo canceller includes several groups of coefficient storage units (130,132,134) each of which is assigned to any number of N consecutive symbols of a communication signal. A selection circuit (102) is connected to a transmission channel (12) and receives a communication signal. The selection circuit is able to select a group using an actual received value and N-1 previous symbols of the communication channel. A circuit (140,150) superimposes the coefficients of a group and a communication signal in turn using the symbol clock.

IPC 1-7

**H04B 3/23**

IPC 8 full level

**H04B 3/23** (2006.01)

CPC (source: EP KR US)

**H04B 3/20** (2013.01 - KR); **H04B 3/23** (2013.01 - EP KR US)

Citation (search report)

See references of WO 9933195A1

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DE FR GB IT

DOCDB simple family (publication)

**DE 19757337 C1 19990624**; CN 1254928 C 20060503; CN 1283337 A 20010207; EP 1042873 A1 20001011; JP 2001527315 A 20011225; KR 100404012 B1 20031101; KR 20010033507 A 20010425; US 6563870 B1 20030513; WO 9933195 A1 19990701

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**DE 19757337 A 19971222**; CN 98812525 A 19981215; DE 9803671 W 19981215; EP 98965612 A 19981215; JP 2000525986 A 19981215; KR 20007007008 A 20000622; US 59927900 A 20000622