

Title (en)

TRANSMISSION ERROR CONCEALMENT IN AN AUDIO SIGNAL

Title (de)

ÜBERTRAGUNGSFEHLER-VERDECKUNG IN EINEM AUDIOSIGNAL

Title (fr)

DISSIMULATION D'ERREURS DE TRANSMISSION DANS UN SIGNAL AUDIO

Publication

EP 1316087 A1 20030604 (FR)

Application

EP 01969857 A 20010905

Priority

- FR 0102747 W 20010905
- FR 0011285 A 20000905

Abstract (en)

[origin: US8239192B2] A method of concealing transmission error in a digital audio signal, wherein a signal that has been decoded after transmission is received, the samples decoded while the transmitted data is valid are stored, at least one short-term prediction operator and one long-term prediction operator are estimated as a function of stored valid samples, and any missing or erroneous samples in the decoder signal are generated using the estimated operators. The energy of the synthesized signal that is thus generated is controlled by means of a gain that is computed and adapted sample by sample.

IPC 1-7

G10L 19/00; H04L 1/00

IPC 8 full level

G10L 13/00 (2006.01); **G10L 19/005** (2013.01)

CPC (source: EP US)

G10L 19/005 (2013.01 - EP US)

Cited by

CN109313905A; RU2679228C2; WO2015044609A1; US10403296B2; US10566004B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0221515 A1 20020314; AT E382932 T1 20080115; AU 8999101 A 20020322; DE 60132217 D1 20080214; DE 60132217 T2 20090129; EP 1316087 A1 20030604; EP 1316087 B1 20080102; ES 2298261 T3 20080516; FR 2813722 A1 20020308; FR 2813722 B1 20030124; HK 1055346 A1 20040102; IL 154728 A0 20031031; IL 154728 A 20080708; JP 2004508597 A 20040318; JP 5062937 B2 20121031; US 2004010407 A1 20040115; US 2010070271 A1 20100318; US 7596489 B2 20090929; US 8239192 B2 20120807

DOCDB simple family (application)

FR 0102747 W 20010905; AT 01969857 T 20010905; AU 8999101 A 20010905; DE 60132217 T 20010905; EP 01969857 A 20010905; ES 01969857 T 20010905; FR 0011285 A 20000905; HK 03107426 A 20031015; IL 15472801 A 20010905; IL 15472803 A 20030304; JP 2002525647 A 20010905; US 36378303 A 20030707; US 46276309 A 20090807