

Title (en)

METHOD AND MEANS FOR THE SCALABLE IMPROVEMENT OF THE QUALITY OF A SIGNAL ENCODING METHOD

Title (de)

VERFAHREN UND MITTEL ZUR SKALIERBAREN VERBESSERUNG DER QUALITÄT EINES SIGNALCODIERVERFAHRENS

Title (fr)

PROCÉDÉ ET MOYEN D'AMÉLIORATION MODULAIRE DE LA QUALITÉ D'UN TRAITEMENT DE CODAGE DU SIGNAL

Publication

EP 2380169 A1 20111026 (DE)

Application

EP 09807441 A 20091210

Priority

- EP 2009008853 W 20091210
- AT 19822008 A 20081219

Abstract (en)

[origin: WO2010069513A1] The invention relates to a method for the scalable improvement of the quality of an encoding method according to IT-U Recommendation G.722, including the following steps: - a digital error signal (E) derived from an input signal to be encoded and a prognosis signal is compared in sections to a number of M*LN different reference signals in an iterative process having a number of repeated steps depending on the scope of the expansion, and the reference signal having a minimum error signal of a prescribed error criteria is derived therefrom, - the reference signals are each made up of equidistant Dirac impulses $d(n)$ according to (1), wherein $off = [0..M-1]$, indicates the distance of the first impulse from a zero time point, $aP = \{a_0, a_1, \dots, a_{L-1}\}$ indicates the amplitude value, M the distance between the individual pulses, N the number of pulses, and L the number of different levels, - the information about the reference signal having the minimum error signal is transmitted.

IPC 8 full level

G10L 19/24 (2013.01)

CPC (source: EP US)

G10L 19/24 (2013.01 - EP US)

Citation (search report)

See references of WO 2010069513A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010069513 A1 20100624; AT 509439 A1 20110815; AT 509439 B1 20130515; BR PI0922993 A2 20160126; CN 102257565 A 20111123; CN 102257565 B 20130529; EP 2380169 A1 20111026; EP 2380169 B1 20151209; US 2012014474 A1 20120119; US 8774312 B2 20140708

DOCDB simple family (application)

EP 2009008853 W 20091210; AT 19822008 A 20081219; BR PI0922993 A 20091210; CN 200980151036 A 20091210; EP 09807441 A 20091210; US 200913133978 A 20091210