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

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Application

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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 (I), wherein off = [0.. M-1], indicates the distance of the first impulse from a zero time point, aP ? { a0,a1,..,aL-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.

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