Title (en)
IMPROVED FRAME LOSS CORRECTION WITH VOICE INFORMATION

Title (de)
VERBESSERTE FRAMEVERLUSTKORREKTUR MIT SPRACHINFORMATIONEN

Title (fr)
CORRECTION DE PERTE DE TRAME PERFECTIONNÉE AVEC INFORMATION DE VOISEMENT

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Application
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Abstract (en)
[origin: WO2015166175A1] The invention relates to the processing of a digital audio signal, including a series of samples distributed in consecutive frames. The processing is implemented in particular when decoding said signal in order to replace at least one signal frame lost during decoding. The method includes the following steps: a) searching, in a valid signal segment available when decoding, for at least one period in the signal, determined in accordance with said valid signal; b) analysing the signal in said period, in order to determine spectral components of the signal in said period; c) synthesising at least one frame for replacing the lost frame, by construction of a synthesis signal from: an addition of components selected among said predetermined spectral components, and a noise added to the addition of components. In particular, the amount of noise added to the addition of components is weighted in accordance with voice information of the valid signal, obtained when decoding.

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