Title (en)

ATTENUATION OF OVERVOICING, IN PARTICULAR FOR GENERATING AN EXCITATION AT A DECODER, IN THE ABSENCE OF INFORMATION

Title (de)

DÄMPFUNG VON STIMMÜBERLAGERUNG, IM BESONDEREN ZUR ERREGUNGSERZEUGUNG BEI EINEM DECODER IN ABWESENHEIT VON INFORMATIONEN

Title (fr)

ATTENUATION DU SURVOISEMENT, NOTAMMENT POUR LA GENERATION D'UNE EXCITATION AUPRES D'UN DECODEUR, EN ABSENCE D'INFORMATION

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Application

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Priority

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Abstract (en)

[origin: WO2008047051A2] The invention proposes the synthesis of a signal consisting of consecutive blocks. It proposes more particularly, on receipt of such a signal, to replace, by synthesis, lost or erroneous blocks of this signal. It proposes for this purpose an attenuation of the overvoicing during the generation of a signal synthesis. More particularly, a voiced excitation is generated on the basis of the pitch period (T) estimated or transmitted at the previous block, by possibly applying a correction of plus or minus a sample of the duration of this period (counted in terms of number of samples), by constructing groups (A',B',C',D') of at least two samples and inverting positions of samples in the groups, randomly (B',C') or in a forced manner. An over-harmonicity in the excitation generated is thus broken and, thereby, the effect of overvoicing in the synthesis of the signal generated is attenuated.

IPC 8 full level

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