Title (en)

METHOD AND DEVICE FOR CODING LAG PARAMETER AND CODE BOOK PREPARING METHOD

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KODIERUNG VON VERZÖGERUNGSPARAMETERN UND VERFAHREN ZUR HERSTELLUN EINES CODE-BUCHS

Title (fr)

PROCEDE ET DISPOSITIF DE CODAGE A RETARD PARAMETRAL ET PROCEDE DE PREPARATION DE TABLE DE CODAGE

Publication

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Application

EP 99901171 A 19990126

Priority

- JP 9900294 W 19990126
- JP 2933298 A 19980127

Abstract (en)

Lag parameter encoding section 215b finds a code corresponding to a lag parameter value using lag parameter codebook 215a. The decoding side decodes the lag parameter value corresponding to the lag parameter encoded by the encoding side using same lag parameter codebook 215a and outputs it. Lag parameter codebook 215a shows a relationship between a lag parameter value and corresponding code P and is generated in such a way that the rate of lag parameter code, which has a decoded lag parameter value with a bit error close to n times (including one time) or 1/n times(n is integer) of the decoded value without bit error, increases. This makes it possible to suppress deterioration of the perceptual quality of the decoded speech when a bit error occurs with the lag parameter. <IMAGE>

IPC 1-7 (main, further and additional classification)

G10L 9/14; G10L 9/18

IPC 8 full level (invention and additional information)

G10L 19/005 (2013.01); **G10L 19/08** (2013.01)

CPC (invention and additional information)

G10L 19/005 (2013.01); **G10L 19/08** (2013.01); G10L 2019/0007 (2013.01); G10L 2019/0011 (2013.01)

Citation (search report)

See references of WO 9938157A1

Cited by

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Designated contracting state (EPC)

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