Title (en)

Multipulse-excited speech coder/decoder

Title (de)

Mehrimpuls-angeregter Sprachkodierer/-dekodierer

Title (fr)

Codeur/décodeur de parole à excitation par impulsions multiples

Publication

EP 0855699 B1 20040428 (EN)

Application

EP 98101335 A 19980127

Priority

JP 1247797 A 19970127

Abstract (en)

[origin: EP0855699A2] A coding parameter control circuit 31 computes frame length from bit rate and coding delay, and provides the computed frame length data to a CELP coding circuit 32. On the basis of the computed frame length, the coding parameter control circuit 32 selects control parameters from a table, in which a plurality of control parameters for controlling the operation of the CELP coding circuit are set, on the basis of the bit race, and provides the selected control parameters to the CELP coding circuit. The coding parameter control circuit provides the sub-frame length, and bit number distributed to the multi-pulse signal to the multi-pulse signal generation parameter setting circuit 33. The multi-pulse signal coding parameter setting circuit 33 computes pulse number of multi-pulse excitation signal, pulse position candidates of each pulse and candidate positions thereof from the sub-frame length and bit number of multi-pulse signal. <IMAGE>

IPC 1-7

G10L 19/00; G10L 19/14

IPC 8 full level

G10L 19/00 (2013.01); **G10L 19/04** (2013.01); **G10L 19/08** (2013.01); **G10L 19/10** (2006.01); **G10L 19/12** (2013.01); **G10L 19/16** (2013.01); **G10L 19/24** (2013.01); **G10L 21/02** (2006.01); **G10L 21/0208** (2013.01); **H03M 7/30** (2006.01); **H04B 14/04** (2006.01)

CPC (source: EP)

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Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0855699 A2 19980729; **EP 0855699 A3 19990407**; **EP 0855699 B1 20040428**; CA 2228183 A1 19980727; CA 2228183 C 20010529; DE 69823398 D1 20040603; DE 69823398 T2 20050113; JP 3329216 B2 20020930; JP H10207496 A 19980807

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