Title (en)

Multimode quantizing of the prediction residual in a speech coder

Title (de)

Multimodale Quantisierung des Prädiktionsfehlers in einem Sprachkodierer

Title (fr)

Quantisation multimode du résidu de prédiction dans un codeur de parole

Publication

EP 1035538 B1 20050727 (EN)

Application

EP 00200874 A 20000313

Priority

- US 12411299 P 19990312
- US 12408999 P 19990312

Abstract (en)

[origin: EP1035538A2] Linear predictive system with classification of LP residual Fourier coefficients into two or more overlapping classes, and each class has its own vector quantization codebook(s). And modified use of strong and weak predictors to replace a strong predictor following a weak predictor with a weak predictor to insure attenuation of error propagation as arise from frame erasures. <IMAGE> <IMAGE>

IPC 1-7

G10L 19/14; G10L 19/12

IPC 8 full level

G10L 19/04 (2006.01); **G10L 19/12** (2006.01); **G10L 19/14** (2006.01); **G10L 19/18** (2013.01); **H03M 7/30** (2006.01); **H04B 14/04** (2006.01)

CPC (source: EP)

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EP 1035538 A2 20000913; **EP 1035538 A3 20030423**; **EP 1035538 B1 20050727**; DE 60021455 D1 20050901; DE 60021455 T2 20060524; JP 2000305597 A 20001102

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