

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 A3 20030423 (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 19/18** (2013.01); **H03M 7/30** (2006.01); **H04B 14/04** (2006.01)

CPC (source: EP)

**G10L 19/18** (2013.01)

Citation (search report)

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US8126707B2; KR100712056B1; US8224657B2; WO2004059618A1

Designated contracting state (EPC)

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