Title (en)

Vector quantization system and method of operation

Title (de)

System zur Vektorquantisierung und Betriebsverfahren

Title (fr)

Système de quantification vectorielle et méthode d'opération

Publication

EP 1172803 A3 20040114 (EN)

Application

EP 01116530 A 20010709

Priority

GB 0017145 A 20000713

Abstract (en)

[origin: EP1172803A2] A method of providing robust quantization of speech spectral parameters tolerant to spectral balance and speaker variations, the method including the steps of, for each of a plurality of line spectral frequencies (LSFs) of a speech spectrum, quantizing (14) the displacement (12) of the LSF from an estimate (42) of its long-term mean, reconstructing (22,34) an estimate of the LSF from the quantized displacement and the long-term LSF mean estimate, and filtering (26,30,32) the reconstructed LSF estimate, thereby providing a subsequent long-term LSF mean estimate. <IMAGE>

IPC 1-7

G10L 19/06

IPC 8 full level

G10L 19/07 (2013.01)

CPC (source: EP)

G10L 19/07 (2013.01)

Citation (search report)
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Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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