

Publication

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Application

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- GB 8820105 A 19880824

Abstract (en)

[origin: EP0335521A1] Voice activity detector (VAD) for use in an LPC coder in a mobile radio system, uses autocorrelation coefficients R_0, R_1, \dots of the input signal, weighted and combined, to provide a measure M which depends on the power within that part of the spectrum containing no noise, which is thresholded against a variable threshold to provide a speech/no speech logic output. The measure is $\langle \text{MATH} \rangle$ where H_i are the autocorrelation coefficients of the impulse response of an N th order FIR inverse noise filter derived from LPC analysis of previous non-speech signal frames. Threshold adaption and coefficient update are controlled by a second VAD responsive to rate of spectral change between frames.

IPC 1-7

G10L 3/00

IPC 8 full level

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CPC (source: EP KR)

G10L 25/00 (2013.01 - EP); **G10L 25/78** (2013.01 - EP KR); **G10L 25/84** (2013.01 - KR)

Citation (search report)

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