

Title (en)

METHOD FOR DETECTING A VOICE ACTIVITY DECISION (VOICE ACTIVITY DETECTOR)

Title (de)

VERFAHREN ZUR BERECHNUNG EINER SPRACHAKTIVITÄTSENTSCHEIDUNG (VOICE ACTIVITY DETECTOR)

Title (fr)

PROCEDE DE CALCUL D'UNE DECISION D'ACTIVITE VOCALE (DETECTEUR D'ACTIVITE VOCALE)

Publication

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Application

EP 01933720 A 20010316

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- EP 0103056 W 20010316

Abstract (en)

[origin: WO0184536A1] The invention relates to a method for determining voice activity in a signal section of an audio signal. The result, i.e. whether voice activity is present in the section of the signal thus observed, depends upon spectral and temporal stationarity of the signal section and/or prior signal sections. In a first step, the method determines whether there is spectral stationarity in the observed signal section. In a second step, the method determines whether there is temporal stationarity in the signal section in question. The final decision as to the presence of voice activity in the signal section observed depends upon the initial values of both steps.

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G10L 11/02

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 0184536A1

Citation (examination)

- FREEMAN D K ET AL: "The voice activity detector for the Pan-European digital cellular mobile telephone service", PROC. OF IEEE ICASSP, 1989, pages 369 - 372
- SRINIVASAN K ET AL: "Voice activity detection for cellular networks", PROC. OF THE IEEE WORKSHOP ON SPEECH CODING FOR TELECOMMUNICATIONS, 13 October 1993 (1993-10-13), pages 85 - 86

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