

Title (en)
Speech detection method.

Title (de)
Verfahren zur Erkennung von Sprachsignalen.

Title (fr)
Procédé de détection de la parole.

Publication
EP 0594480 A1 19940427 (FR)

Application
EP 93402522 A 19931013

Priority
FR 9212582 A 19921021

Abstract (en)
The method of the invention consists in: - detecting a voiced frame; - searching for the noise frames preceding this voiced frame; - constructing an auto-regressive model of the noise and a mean noise spectrum; - whitening the frames preceding the voicing; - searching for the actual start of speech in the whitened frames; - ridding the voiced frames of noise and parametrising them; and - searching for the actual end of speech.

Abstract (fr)
Le procédé de l'invention consiste à : détecter une trame voisée ; rechercher des trames de bruit précédant cette trame voisée ; construire un modèle auto-régressif du bruit et un spectre moyen de bruit ; blanchir les trames précédant le voisement ; rechercher le début effectif de la parole dans les trames blanchies ; débruiter les trames voisées et les paramétrer ; et rechercher la fin effective de la parole.

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G10L 3/00

IPC 8 full level
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G10L 2025/937 (2013.01 - EP US)

Citation (search report)

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