

Title (en)

METHOD AND DEVICE FOR DETERMINING SPECTRAL VOICE CHARACTERISTICS IN A SPOKEN EXPRESSION

Title (de)

VERFAHREN UND ANORDNUNG ZUR BESTIMMUNG SPEKTRALER SPRACHCHARAKTERISTIKA IN EINER GESPROCHENEN ÄUSSERUNG

Title (fr)

PROCEDE ET DISPOSITIF POUR DETERMINER DES CARACTERISTIQUES VOCALES SPECTRALES DANS UN MESSAGE VERBAL

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Application

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Abstract (en)

[origin: WO9959134A1] According to the invention, spectral voice characteristics are determined in a natural language expression, whereby the expression is digitized and subjected to a wavelet transformation. The speaker-specific characteristics arise from the different transformation steps of the wavelet transformation. Within the scope of a voice synthesis, these characteristics can be compared with characteristics of other expressions in order to generate a continuously sounding synthetic voice signal for the human ear. Alternatively, the characteristics can also be modified in a targeted manner in order to counteract a perceptive dissonance.

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