

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

Publication

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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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