

Title (en)

METHOD AND DEVICE FOR THE OBJECTIVE EVALUATION OF THE VOICE QUALITY OF A SPEECH SIGNAL TAKING INTO ACCOUNT THE CLASSIFICATION OF THE BACKGROUND NOISE CONTAINED IN THE SIGNAL

Title (de)

VERFAHREN UND EINRICHTUNG ZUR OBJEKTIVEN EVALUIERUNG DER SPRACHQUALITÄT EINES SPRACHSIGNALS UNTER BERÜCKSICHTIGUNG DER KLASSIFIKATION DER IN DEM SIGNAL ENTHALTENEN HINTERGRUNDGERÄUSCHE

Title (fr)

PROCEDE ET DISPOSITIF D'EVALUATION OBJECTIVE DE LA QUALITE VOCALE D'UN SIGNAL DE PAROLE PRENANT EN COMPTE LA CLASSIFICATION DU BRUIT DE FOND CONTENU DANS LE SIGNAL

Publication

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Application

EP 10723655 A 20100412

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Abstract (en)

[origin: WO2010119216A1] The invention relates to a method and device for the objective evaluation of the voice quality of a speech signal, the device including: a module (11) for extracting a background noise signal, referred to as a noise signal, from the speech signal (SIG); a module (13) for calculating the audio parameters of the noise signal; a module (15) for classifying the background noise contained in the noise signal on the basis of the calculated audio parameters, according to a predefined set of background noise classes (CL); a module (17) for evaluating the voice quality of the speech signal on the basis of at least the resulting classification relative to the background noise in the speech signal.

IPC 8 full level

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G10L 21/0208 (2013.01 - US); **G10L 25/69** (2013.01 - EP US)

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