

Title (en)

METHOD AND DEVICE FOR DETERMINING A QUALITY MEASURE FOR AN AUDIO SIGNAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG EINES QUALITÄTSMASSES EINES AUDIOSIGNALS

Title (fr)

PROCEDE ET DISPOSITIF POUR DETERMINER UN NIVEAU DE QUALITE D'UN SIGNAL AUDIO

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Abstract (en)

[origin: EP1244094A1] The invention relates to a method for determining a quality measure (2) for an audio signal (1), whereby the speech signal component (4) is first extracted from the audio signal (1). A reference signal (6) is then generated using said signal, by means of noise suppression (7) and interrupt interpolation (8). The above is compared with the speech signal (4) and an intrusive quality value (10) thus determined. A further quality value (15) is determined, by determining and evaluating Codec-related signal distortions in the speech signal (4). A further quality value (17) is generated from information on the detected signal interruptions (8). The quality measure (2) is finally determined as a linear combination (16) of the various quality values (10, 15, 17, 18).

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