Title (en)

Method and device for evaluating the efficiency of a noise reducing function for audio signals

Title (de)

Verfahren und Vorrichtung zur Effizienzbewertung einer lärmreduzierenden Funktion für Audiosignale

Title (fr)

Procédé et dispositif d'évaluation de l'efficacité d'une fonction de réduction de bruit destinée à être appliquée à des signaux audio

Publication

EP 1792305 A1 20070606 (FR)

Application

EP 05802558 A 20050912

Priority

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- FR 0452087 A 20040917

Abstract (en)

[origin: WO2006032751A1] The inventive method for evaluating the efficiency of a noise reducing function is used for audio signals and comprises a preliminary stage for obtaining a predefined test audio signal X[m] containing a useful noise-free signal, a noisy signal Xb[m] obtainable by adding a predefined noisy signal to the test signal X[m] and a processed signal Y[m] obtainable by applying a noise reducing function to the noisy signal Xb[m]. Said method is characterised in that it comprises a stage (E3, E4) for measuring loudness of the entire frames m of said X[m], Xb[m] and Y[m] signals or the part thereof.

IPC 8 full level

G10L 19/00 (2006.01); **G10L 21/02** (2006.01); **G10L 25/69** (2013.01)

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