Title (en)
METHOD OF MEASURING ANNOYANCE CAUSED BY NOISE IN AN AUDIO SIGNAL

Title (de)
VERFAHREN ZUR MESSUNG VON DURCH GERÄUSCHE IN EINEM AUDIOSIGNAL VERURSACHTEN BEEINTRÄCHTIGUNGEN

Title (fr)
PROCEDE DE MESURE DE LA GENE DUE AU BRUIT DANS UN SIGNAL AUDIO

Publication
EP 1849157 B1 20090729 (FR)

Application
EP 06709505 A 20060213

Priority
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Abstract (en)
[origin: US2008267425A1] A method of computing an objective score (NOB) of annoyance caused by noise in an audio signal processed by a noise reduction function, said method including a preliminary step of obtaining a predefined test audio signal (x[m]) containing a wanted signal free of noise, a noisy signal (xb[m]) obtained by adding a predefined noise signal to said test signal (x[m]), and a processed signal (y[m]) obtained by applying the noise reduction function to said noisy signal (xb[m]), wherein said method further includes a step (a 3, a 4) of measuring the apparent loudness of frames of said noisy signal (xb[m]) and said processed signal (y[m]) and of measuring tonality coefficients of frames of said processed signal (y[m]).

IPC 8 full level
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CPC (source: EP US)
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