

Title (en)
SPECTRAL SMOOTHING METHOD FOR NOISY SIGNALS

Title (de)
SPEKTRALGLÄTTUNGSVERFAHREN VON VERRAUSCHTEN SIGNALLEN

Title (fr)
PROCÉDÉ DE FILTRAGE SPECTRAL DE SIGNAUX PARASITÉS

Publication
EP 2158588 B1 20101013 (DE)

Application
EP 08784249 A 20080625

Priority
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Abstract (en)
[origin: US2010182510A1] A smoothing method for suppressing fluctuating artifacts in the reduction of interference noise includes the following steps: providing short-term spectra for a sequence of signal frames, transforming each short-term spectrum by way of a forward transformation which describes the short-term spectrum using transformation coefficients that represent the short-term spectrum subdivided into its coarse and fine structures; smoothing the transformation coefficients with the respective same coefficient indices by combining at least two successive transformed short-term spectra; and transforming the smoothed transformation coefficients into smoothed short-term spectra by way of a backward transformation.

IPC 8 full level
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