

Title (en)
EFFECTIVE PRE-ECHO ATTENUATION IN A DIGITAL AUDIO SIGNAL

Title (de)
WIRKSAME PRÄ-ECHODÄMPFUNG IN EINEM DIGITALEN AUDIOSIGNAL

Title (fr)
ATTÉNUATION EFFICACE DE PRÉ-ÉCHOS DANS UN SIGNAL AUDIONUMÉRIQUE

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Abstract (en)
[origin: WO2014001730A1] The invention relates to a method for processing pre-echo attenuation in a digital audio signal generated from a transform coding, wherein, at the decoding point, the method comprises steps of: detection (Detect.) of a position of attack in the decoded signal; determination (ZPE) of a pre-echo region preceding the position of attack detected in the decoded signal; calculation (F. Att.) of attenuation factors per sub-block of the pre-echo region, according to at least the frame wherein the attack has been detected and the preceding frame; and pre-echo attenuation (Att.) in the sub-blocks of the pre-echo region by the corresponding damping factors. The method also comprises the application of a filter (F) for the spectral shaping of the pre-echo region on the current frame up to the detected position of the attack. The invention also relates to a device implementing said method and to a decoder comprising such a device.

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