

Title (en)

METHOD AND APPARATUS FOR CONDITIONING AN AUDIO SIGNAL SUBJECTED TO LOSSY COMPRESSION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUFBEREITUNG EINES VERLUSTBEHAFTET KOMPRIMIERTEN AUDIOSIGNALS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE MISE EN FORME D'UN SIGNAL AUDIO COMPRIMÉ AVEC PERTE

Publication

**EP 3403260 A1 20181121 (DE)**

Application

**EP 17711600 A 20170313**

Priority

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- EP 2017055820 W 20170313

Abstract (en)

[origin: WO2017157841A1] The present invention relates to a method for conditioning an audio signal 2 subjected to lossy compression, comprising the following steps: - provision of an audio signal 2 subjected to lossy compression, - transfer of the audio signal 2 to a frequency spectrum in which energies of the audio signal 2 are correlated with frequencies of the audio signal 2, - ascertainment of the frequencies  $f_i$  of local amplitude maxima in the frequency spectrum, - stipulation of a first selection criterion and preselection of the frequencies  $f_i$  of two directly successive local amplitude maxima, which frequencies satisfy the first selection criterion, - stipulation of a second selection criterion and selection of preselected frequencies  $f_i$ , satisfying the first selection criterion, of two directly successive local amplitude maxima, which frequencies additionally satisfy the second selection criterion, - generation of an audio filler signal (AFS) and - conditioning of the audio signal 2 by introducing the audio filler signal (AFS) into a frequency range between the frequencies  $f_i$  that satisfy the second selection criterion, so that the frequency range is filled with the audio filler signal (AFS) at least in sections, in particular completely.

IPC 8 full level

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CPC (source: EP US)

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See references of WO 2017157841A1

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