

Title (en)

METHOD FOR ACOUSTICAL REPRODUCTION OF A NUMERICAL AUDIO SIGNAL

Title (de)

VERFAHREN ZUR AKUSTISCHEN WIEDERGABE EINES NUMERISCHEN AUDIOSIGNALS

Title (fr)

PROCÉDÉ DE RESTITUTION SONORE D'UN SIGNAL NUMÉRIQUE AUDIO

Publication

EP 2987339 B1 20170712 (FR)

Application

EP 14721466 A 20140409

Priority

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Abstract (en)

[origin: WO2014170580A1] A method for playing back the sound of a digital audio signal. A method for playing back the sound of a digital audio signal comprising an oversampling step consisting of producing, from a signal sampled at a frequency F, a signal sampled at a frequency NxF, where N corresponds to an integer greater than 1, then of applying convolution processing to a first digital file sampled at a frequency NxF corresponding to the acquisition of the soundscape of a reference sound space, a second digital file sampled at a frequency NxF corresponding to the acquisition of the noise footprint of a piece of reference playback equipment, a third digital file sampled at a frequency NxF corresponding to the acquisition of the noise footprint of an equalizer and a fourth file corresponding to said oversampled audio file, the resulting digital packets then undergoing digital conversion processing at a sampling frequency F/M corresponding to the working frequency of the listening equipment.

IPC 8 full level

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