

Title (en)

DEVICE, METHOD AND ELECTRO-ACOUSTIC SYSTEM FOR PROLONGING A REVERBERATION PERIOD

Title (de)

VORRICHTUNG, VERFAHREN UND ELEKTROAKUSTISCHES SYSTEM ZUR NACHHALLZEITVERLÄNGERUNG

Title (fr)

DISPOSITIF, PROCÉDÉ ET SYSTÈME ÉLECTROACOUSTIQUE DE PROLONGEMENT D'UN TEMPS DE RÉVERBÉRATION

Publication

EP 2754151 B2 20181031 (DE)

Application

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Priority

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- EP 2012066392 W 20120823

Abstract (en)

[origin: WO2013034444A1] A device for prolonging the reverberation period is provided. The device comprises a module (110) for calculating wave field synthesis information, and a signal processor (120) for generating a plurality of audio output signals for a plurality of loudspeakers based on the audio input signals received by a plurality of microphones, and based on the wave field synthesis information. The device also comprises an operating unit (130) for determining a virtual position of one or more virtual walls. The module (110) for calculating wave field information is designed to calculate the wave field synthesis information based on the virtual position of the one or more virtual walls. Further, the virtual position can be adjusted by the operating unit (130) for at least one of the virtual walls.

IPC 8 full level

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CPC (source: EP US)

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