

Title (en)  
METHOD AND DEVICE FOR ESTIMATING SOUND REVERBERATION

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR SCHÄTZUNG VON SCHALLWIDERHALL

Title (fr)  
PROCEDE ET DISPOSITIF POUR ESTIMER LA REVERBERATION ACOUSTIQUE

Publication  
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Application  
**EP 16819332 A 20161121**

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Abstract (en)  
[origin: WO2017089688A1] The invention relates to a method for estimating sound reverberation in a medium (7), which comprises the following steps: (a) a measurement step in which an acoustic signal emitted in the medium is collected; (b) a step of determining the distribution of the acoustic energy decrease rate, during which a distribution of the acoustic energy decrease rate is determined from the acoustic signal collected in step (a); and (c) an estimation step during which a reverberation time and a level of reverberation of the sound in the medium is estimated by regression from a characteristic function of the distribution of the acoustic energy decrease rate determined in step (b).

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