

Title (en)  
PROCESSING AUDIO SIGNALS

Title (de)  
VERARBEITUNG VON AUDIOSIGNALEN

Title (fr)  
TRAITEMENT DE SIGNAUX AUDIO

Publication  
**EP 3642957 A4 20210317 (EN)**

Application  
**EP 18821106 A 20180525**

Priority  
• GB 201709846 A 20170620  
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Abstract (en)  
[origin: WO2018234617A1] A method, apparatus and computer-readable medium are disclosed for receiving, from a far-field microphone device, at least one far-field audio signal in a time domain corresponding to a mobile source located within a recording space, the or each far-field audio signal corresponding to a respective channel of an audio mixture of the far-field microphone device;receiving, from a near-field microphone, a first near-field audio signal in a time domain corresponding to the mobile source;determining location information relating to the mobile source;transforming the or each far-field audio signal and the first near-field audio signal from the time domain to a time-frequency domain; and using the transformations of the far-field audio signal and the first near-field audio signal and the location information of the mobile source to determine a set of room impulse response filters of the recording space.

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**H04R 3/005** (2013.01); **H04R 1/326** (2013.01); **H04R 2201/401** (2013.01); **H04R 2420/07** (2013.01); **H04S 7/302** (2013.01); **H04S 2400/11** (2013.01); **H04S 2400/15** (2013.01)

Citation (search report)  
• [Y] GB 2543276 A 20170419 - NOKIA TECHNOLOGIES OY [FI]  
• [YA] KOKKINIS ELIAS ET AL: "Identification of a Room Impulse Response Using a Close-Microphone Reference Signal", AES CONVENTION 128; MAY 2010, AES, 60 EAST 42ND STREET, ROOM 2520 NEW YORK 10165-2520, USA, 1 May 2010 (2010-05-01), XP040509408  
• See references of WO 2018234617A1

Cited by  
CN113032721A

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DOCDB simple family (publication)  
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