

Title (en)  
PROCESSING AUDIO SIGNALS

Title (de)  
VERARBEITUNG VON AUDIOSIGNALEN

Title (fr)  
TRAITEMENT DE SIGNAUX AUDIO

Publication  
**EP 3642957 A1 20200429 (EN)**

Application  
**EP 18821106 A 20180525**

Priority  
• GB 201709846 A 20170620  
• FI 2018050395 W 20180525

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.

IPC 8 full level  
**H03H 21/00** (2006.01); **H04R 1/32** (2006.01); **H04R 3/04** (2006.01)

CPC (source: EP)  
**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)

Cited by  
CN113032721A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2018234617 A1 20181227**; EP 3642957 A1 20200429; EP 3642957 A4 20210317; EP 3642957 B1 20230719; GB 201709846 D0 20170802

DOCDB simple family (application)  
**FI 2018050395 W 20180525**; EP 18821106 A 20180525; GB 201709846 A 20170620