

Title (en)

AUDIO SIGNAL PROCESSING DEVICE AND METHOD, IMPULSE RESPONSE GENERATION DEVICE AND METHOD, AND PROGRAM

Title (de)

AUDIOSIGNALVERARBEITUNGSVORRICHTUNG UND -VERFAHREN, IMPULSANTWORTERZEUGUNGSVORRICHTUNG UND -VERFAHREN UND PROGRAMM

Title (fr)

PROCÉDÉ ET DISPOSITIF DE TRAITEMENT DE SIGNAL AUDIO, PROCÉDÉ ET DISPOSITIF DE GÉNÉRATION DE RÉPONSE D'IMPULSION, ET PROGRAMME

Publication

EP 3820161 A4 20211124 (EN)

Application

EP 19831112 A 20190620

Priority

- JP 2018127664 A 20180704
- JP 2019024440 W 20190620

Abstract (en)

[origin: EP3820161A1] The present technology relates to an audio signal processing device and method, an impulse response generation device and method, and a program that enable a desired phase characteristic to be obtained. The audio signal processing device includes an acquisition part that acquires an impulse response having a flat or substantially flat amplitude characteristic and a predetermined phase characteristic, and a phase characteristic convolution part that convolves the impulse response into an input audio signal. The present technology can be applied to an audio signal processing device and an impulse response generation device.

IPC 8 full level

H04R 3/04 (2006.01); **H04R 5/033** (2006.01); **H04S 1/00** (2006.01)

CPC (source: EP)

H04R 3/04 (2013.01); **H04R 5/033** (2013.01); **H04S 1/005** (2013.01); **H04S 2420/01** (2013.01)

Citation (search report)

- [XY] US 2012033829 A1 20120209 - LEWIS IVAN LAWAYNE [US]
- [YA] JP 2014168116 A 20140911 - JVC KENWOOD CORP
- [Y] WO 2011000409 A1 20110106 - NOKIA CORP [FI], et al
- See references of WO 2020008889A1

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

DOCDB simple family (publication)

EP 3820161 A1 20210512; **EP 3820161 A4 20211124**; JP 7359146 B2 20231011; JP WO2020008889 A1 20210708; WO 2020008889 A1 20200109

DOCDB simple family (application)

EP 19831112 A 20190620; JP 2019024440 W 20190620; JP 2020528786 A 20190620