

Title (en)

DETERMINING CORRECTIONS TO BE APPLIED TO A MULTICHANNEL AUDIO SIGNAL, ASSOCIATED CODING AND DECODING

Title (de)

BESTIMMUNG VON KORREKTUREN ZUR ANWENDUNG AUF EIN MEHRKANALAUDIOSIGNAL, ZUGEHÖRIGE CODIERUNG UND DECODIERUNG

Title (fr)

DÉTERMINATION DE CORRECTIONS À APPLIQUER A UN SIGNAL AUDIO MULTICANAL, CODAGE ET DÉCODAGE ASSOCIÉS

Publication

**EP 4042418 B1 20230906 (FR)**

Application

**EP 20792467 A 20200924**

Priority

- FR 1910907 A 20191002
- FR 2020051668 W 20200924

Abstract (en)

[origin: WO2021064311A1] The invention relates to a method for determining a set of corrections (Corr.) to be made to a multichannel sound signal, in which the set of corrections is determined on the basis of an item of information representative of a spatial image of an original multichannel signal (Inf.B) and an item of information representative of a spatial image of the original multichannel signal that has been coded and then decoded (Inf. B). The invention also relates to a decoding method and a coding method implementing the determining method, and to the associated coding and decoding devices.

IPC 8 full level

**G10L 19/008** (2013.01); **G10L 19/26** (2013.01); **G10L 25/03** (2013.01); **H04S 5/00** (2006.01); **H04S 7/00** (2006.01)

CPC (source: CN EP KR US)

**G10L 19/008** (2013.01 - CN EP KR US); **G10L 19/26** (2013.01 - CN EP KR); **G10L 25/03** (2013.01 - KR); **H04S 3/008** (2013.01 - US); **H04S 3/02** (2013.01 - US); **H04S 5/00** (2013.01 - KR); **H04S 7/00** (2013.01 - KR); **H04S 7/30** (2013.01 - CN EP US); **G10L 25/03** (2013.01 - EP); **H04S 5/00** (2013.01 - EP); **H04S 2400/01** (2013.01 - CN EP US); **H04S 2400/03** (2013.01 - CN EP US); **H04S 2400/11** (2013.01 - CN EP US); **H04S 2400/13** (2013.01 - US); **H04S 2400/15** (2013.01 - CN EP); **H04S 2420/07** (2013.01 - US); **H04S 2420/11** (2013.01 - CN EP US)

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)

**FR 3101741 A1 20210409**; BR 112022005783 A2 20220621; CN 114503195 A 20220513; EP 4042418 A1 20220817; EP 4042418 B1 20230906; ES 2965084 T3 20240410; JP 2022550803 A 20221205; KR 20220076480 A 20220608; US 2022358937 A1 20221110; WO 2021064311 A1 20210408; ZA 202203157 B 20221130

DOCDB simple family (application)

**FR 1910907 A 20191002**; BR 112022005783 A 20200924; CN 202080069491 A 20200924; EP 20792467 A 20200924; ES 20792467 T 20200924; FR 2020051668 W 20200924; JP 2022520097 A 20200924; KR 20227013459 A 20200924; US 202017764064 A 20200924; ZA 202203157 A 20220316