



(11) **EP 3 225 039 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 73

(51) Int Cl.:
H04R 5/033 ^(2006.01) **H04S 1/00** ^(2006.01)

(86) International application number:
PCT/US2015/062661

(48) Corrigendum issued on:
31.03.2021 Bulletin 2021/13

(87) International publication number:
WO 2016/086125 (02.06.2016 Gazette 2016/22)

(45) Date of publication and mention
of the grant of the patent:
17.02.2021 Bulletin 2021/07

(21) Application number: **15862547.5**

(22) Date of filing: **25.11.2015**

(54) **SYSTEM AND METHOD FOR PRODUCING HEAD-EXTERNALIZED 3D AUDIO THROUGH HEADPHONES**

SYSTEM UND VERFAHREN ZUR ERZEUGUNG VON KOPFEXTERNALISIERTEM 3D-AUDIO
DURCH KOPFHÖRER

SYSTÈME ET PROCÉDÉ POUR PRODUIRE UN AUDIO TRIDIMENSIONNEL (3D) EXTERNALISÉ
SUR LA TÊTE PAR L'INTERMÉDIAIRE DE CASQUES D'ÉCOUTE

(84) Designated Contracting States:
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

(74) Representative: **Deambrogi, Edgardo et al**
Jacobacci & Partners S.p.A.
Corso Emilia 8
10152 Torino (IT)

(30) Priority: **25.11.2014 US 201414553605**

(56) References cited:
EP-A1- 2 785 076 WO-A1-2004/049759
WO-A1-2012/036912 US-A1- 2009 086 982
US-A1- 2009 262 947 US-A1- 2011 170 721
US-A1- 2011 268 281 US-A1- 2011 286 614
US-B1- 6 449 368 US-B1- 6 707 918
US-B1- 7 974 418

(43) Date of publication of application:
04.10.2017 Bulletin 2017/40

(73) Proprietor: **The Trustees of Princeton University**
Princeton, NJ 08544 (US)

(72) Inventor: **CHOUEIRI, Edgar Y.**
Princeton, NJ 08540 (US)

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 3 225 039 B8