

Title (en)
MULTI-CHANNEL AUDIO SIGNAL ACQUISITION METHOD AND APPARATUS, AND SYSTEM

Title (de)
VERFAHREN UND VORRICHTUNG ZUR MEHRKANAL-AUDIOSIGNALERFASSUNG UND SYSTEM

Title (fr)
PROCÉDÉ ET APPAREIL D'ACQUISITION DE SIGNAL AUDIO MULTICANAL, ET SYSTÈME

Publication
EP 4220637 A4 20240124 (EN)

Application
EP 21870910 A 20210629

Priority
• CN 202011027264 A 20200925
• CN 2021103110 W 20210629

Abstract (en)
[origin: EP4220637A1] A multi-channel audio signal acquisition method, comprising: acquiring a main audio signal acquired by a main device when photographing a target photographed object, and performing first multi-channel rendering to acquire an environmental multi-channel audio signal (201); acquiring an audio signal acquired by an additional device on the target photographed object, and determining a first additional audio signal (202); performing environmental sound suppression processing on the first additional audio signal and the main audio signal to acquire a target audio signal (203); performing second multi-channel rendering on the target audio signal to acquire a target multi-channel audio signal (204); and mixing the environmental multi-channel audio signal and the target multi-channel audio signal to acquire a mixed multi-channel audio signal (205). Also disclosed are a corresponding apparatus, a system, a terminal device and a computer-readable storage medium.

IPC 8 full level
G10L 21/0208 (2013.01); **H04R 3/00** (2006.01); **H04S 3/00** (2006.01); **G10L 21/0216** (2013.01); **G10L 21/0356** (2013.01)

CPC (source: CN EP)
G10L 21/0208 (2013.01 - EP); **G10L 21/0216** (2013.01 - CN); **H04R 3/005** (2013.01 - EP); **H04S 3/00** (2013.01 - EP); **H04S 7/305** (2013.01 - CN); **G10L 21/0216** (2013.01 - EP); **G10L 21/0356** (2013.01 - EP); **G10L 2021/02166** (2013.01 - CN EP); **H04R 2420/01** (2013.01 - EP); **H04S 2400/01** (2013.01 - CN); **H04S 2400/11** (2013.01 - CN); **H04S 2400/15** (2013.01 - EP)

Citation (search report)
• [A] US 2018295463 A1 20181011 - ERONEN ANTTI [FI], et al
• [A] US 2018098174 A1 20180405 - GOODWIN MICHAEL M [US], et al
• [A] US 2020288262 A1 20200910 - ERONEN ANTTI [FI], et al
• See also references of WO 2022062531A1

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 4220637 A1 20230802; EP 4220637 A4 20240124; CN 114255781 A 20220329; WO 2022062531 A1 20220331

DOCDB simple family (application)
EP 21870910 A 20210629; CN 202011027264 A 20200925; CN 2021103110 W 20210629