

Title (en)

OBTAINING SYMMETRY INFORMATION FOR HIGHER ORDER AMBISONIC AUDIO RENDERERS

Title (de)

GEWINNUNG VON SYMMETRIEINFORMATIONEN FÜR AMBISONIC-AUDIORENDERER HÖHERER ORDNUNG

Title (fr)

OBTENTION D'INFORMATIONS DE SYMÉTRIE POUR DES MOTEURS DE RENDU AUDIO AMBIOPHONIQUE D'ORDRE SUPÉRIEUR

Publication

EP 3149972 B1 20180815 (EN)

Application

EP 15727844 A 20150529

Priority

- US 201462005829 P 20140530
- US 201462023662 P 20140711
- US 201514724615 A 20150528
- US 2015033273 W 20150529

Abstract (en)

[origin: WO2015184316A1] In general, techniques are described for obtaining audio rendering information in a bitstream. A device configured to render higher order ambisonic coefficients comprising a processor and a memory may perform the techniques. The processor may be configured to obtain sign symmetry information indicative of sign symmetry of a matrix used to render the higher order ambisonic coefficients to generate a plurality of speaker feeds. The memory may be configured to store the sparseness information.

IPC 8 full level

H04S 7/00 (2006.01); **G10L 19/008** (2013.01)

CPC (source: CN EP KR)

G10L 19/008 (2013.01 - CN EP KR); **H04S 3/02** (2013.01 - CN); **H04S 7/30** (2013.01 - EP KR); **G10L 19/167** (2013.01 - CN); **H04S 3/008** (2013.01 - CN); **H04S 7/30** (2013.01 - CN); **H04S 7/301** (2013.01 - CN); **H04S 2420/03** (2013.01 - CN EP KR); **H04S 2420/11** (2013.01 - CN EP KR)

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)

WO 2015184316 A1 20151203; BR 112016028212 A2 20170822; BR 112016028212 B1 20220823; CA 2950014 A1 20151203; CA 2950014 C 20191203; CN 106465029 A 20170222; CN 106465029 B 20180508; EP 3149972 A1 20170405; EP 3149972 B1 20180815; ES 2696930 T3 20190118; HU E039048 T2 20181228; JP 2017520174 A 20170720; JP 6423009 B2 20181114; KR 101941764 B1 20190123; KR 20170015898 A 20170210

DOCDB simple family (application)

US 2015033273 W 20150529; BR 112016028212 A 20150529; CA 2950014 A 20150529; CN 201580029278 A 20150529; EP 15727844 A 20150529; ES 15727844 T 20150529; HU E15727844 A 20150529; JP 2016569921 A 20150529; KR 20167033118 A 20150529