

Title (en)

METHOD AND DEVICE FOR GENERATING AND OUTPUTTING AN ACOUSTIC MULTICHANNEL SIGNAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG UND AUSGABE EINES AKUSTISCHEN MEHRKANALSIGNALS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR PRODUIRE ET ÉMETTRE UN SIGNAL ACOUSTIQUE MULTICANAL

Publication

**EP 3603118 B1 20240417 (DE)**

Application

**EP 18711933 A 20180316**

Priority

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- EP 2018056692 W 20180316

Abstract (en)

[origin: WO2018172213A1] Method for generating and outputting an acoustic multichannel signal, involving the steps of: - supplying a stereo signal (S); - splitting the supplied stereo signal (S) into a plurality of acoustic signal portions (S.1-S.5) that are dependent on the direction of perception; - generating an acoustic multichannel signal by mixing each acoustic signal portion (S.1-S.5) that is dependent on the direction of perception onto an output channel (4.1-4.12) of an acoustic output device (4) comprising a plurality of, in particular more than two, acoustic output channels (4.1-4.12); - outputting the generated multichannel signal via respective acoustic output channels (4.1-4.12) of the acoustic output device (4).

IPC 8 full level

**H04S 5/00** (2006.01)

CPC (source: EP US)

**H04R 5/02** (2013.01 - US); **H04R 5/04** (2013.01 - US); **H04S 3/008** (2013.01 - US); **H04S 5/00** (2013.01 - EP); **H04S 7/30** (2013.01 - EP US); **H04R 2499/13** (2013.01 - EP US); **H04S 7/305** (2013.01 - EP); **H04S 2400/01** (2013.01 - US); **H04S 2400/05** (2013.01 - EP US)

Citation (examination)

SEBASTIAN KRAFT ET AL: "STEREO SIGNAL SEPARATION AND UPMIXING BY MID-SIDE DECOMPOSITION IN THE FREQUENCY-DOMAIN", PROC. OF THE 18 TH INT, 1 January 2015 (2015-01-01), XP055324212, Retrieved from the Internet <URL:http://www.ntnu.edu/documents/1001201110/1266017954/DAFx-15\_submission\_9.pdf> [retrieved on 20161129]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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