

Title (en)

METHOD AND DEVICE FOR CONTROL OF A UNIT FOR REPRODUCTION OF AN ACOUSTIC FIELD

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG EINER ANORDNUNG ZUR WIEDERGABE EINES SCHALLFELDES

Title (fr)

PROCEDE ET DISPOSITIF DE PILOTAGE D'UN ENSEMBLE DE RESTITUTION D'UN CHAMP ACOUSTIQUE

Publication

**EP 1479266 B1 20161123 (FR)**

Application

**EP 03720643 A 20030225**

Priority

- FR 0300607 W 20030225
- FR 0202585 A 20020228

Abstract (en)

[origin: WO03073791A2] Said method for control of a reproduction unit (2) for an acoustic field with a number of reproduction elements (31 to 3N) is characterised in comprising:- a step for establishing a finite number of coefficients representative of the temporal distribution and in the three spatial dimensions of said acoustic field, a step for determination of representative reconstruction filters for said reproduction unit (2) and at least the spatial configuration of said reproduction unit (2); a step for determination of at least one control signal (SC1 to SCN) for said elements (31 to 3N) by the application of said coefficients to said reconstruction filters and a step for providing said at least one control signal for application to said elements (31 to 3N) for generation of said acoustic field for reproduction.

IPC 8 full level

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CPC (source: EP KR US)

**H04S 3/00** (2013.01 - KR); **H04S 3/02** (2013.01 - EP US); **H04S 7/301** (2013.01 - EP US)

Citation (examination)

LABORIE A ET AL: "A New Comprehensive Approach of Surround Sound Recording", AUDIO ENGINEERING SOCIETY CONVENTION PAPER, NEW YORK, NY, US, 22 March 2003 (2003-03-22), pages 1 - 19, XP002280618

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