

Title (en)

SOUND REPRODUCTION FOR A MULTIPLICITY OF LISTENERS

Title (de)

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Title (fr)

REPRODUCTION SONORE POUR UNE MULTIPLICITÉ D'AUDITEURS

Publication

**EP 3188505 A1 20170705 (EN)**

Application

**EP 16202689 A 20161207**

Priority

- EP 16150043 A 20160104
- EP 16174534 A 20160615
- EP 16199773 A 20161121

Abstract (en)

The sound reproduction includes generating from a customized audio signal an acoustically isolated sound field at a position dependent on a sound field position control signal, providing a listening position signal representing a position of a listener and a listener identification signal representing the identity of the listener, and processing the listening position signal, the listener identification signal and an audio signal. The sound reproduction further includes controlling via the sound field position control signal the position of the sound field dependent on the listening position signal so that the position of the sound field is at the position of the listener, and processing the audio signal according to an audio setting dependent on the identity of the listener to provide the customized audio signal.

IPC 8 full level

**H04R 1/40** (2006.01); **H04S 7/00** (2006.01)

CPC (source: EP)

**H04R 1/403** (2013.01); **H04S 7/302** (2013.01); **H04R 2203/12** (2013.01)

Citation (search report)

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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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