

Title (en)  
Determination of individual HRTFs

Title (de)  
Bestimmung von Individuellen HRTFs

Title (fr)  
Détermination de HRTF individuels

Publication  
**EP 2822301 A1 20150107 (EN)**

Application  
**EP 13175052 A 20130704**

Priority  
EP 13175052 A 20130704

Abstract (en)  
A method of determining a set of individual HRTFs for a specific human includes obtaining a set of approximate HRTFs, obtaining at least one measured HRTF of the specific human, determining a deviation of one of the at least one measured HRTF with relation to a corresponding one of the set of approximate HRTFs, and forming the set of individual HRTFs by modification of the set of approximate HRTFs based at least in part on the determined deviation.

IPC 8 full level  
**H04S 1/00** (2006.01)

CPC (source: EP)  
**H04R 25/70** (2013.01); **H04S 7/302** (2013.01); **H04S 2420/01** (2013.01)

Citation (applicant)  
WO 9523493 A1 19950831 - MOELLER HENRIK [DK], et al

Citation (search report)

- [A] WO 2011045751 A1 20110421 - NOKIA CORP [FI], et al
- [A] US 6181800 B1 20010130 - LAMBRECHT J ANDREW [US]
- [X] WO 2007031905 A1 20070322 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [X] XIE BO-SUN: "Recovery of individual head-related transfer functions from a small set of measurements", THE JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, AMERICAN INSTITUTE OF PHYSICS FOR THE ACOUSTICAL SOCIETY OF AMERICA, NEW YORK, NY, US, vol. 132, no. 1, 1 July 2012 (2012-07-01), pages 282 - 294, XP012163090, ISSN: 0001-4966, [retrieved on 20120710], DOI: 10.1121/1.4728168
- [A] ALGAZI V R ET AL: "The CIPIC HRTF database", APPLICATIONS OF SIGNAL PROCESSING TO AUDIO AND ACOUSTICS, 2001 IEEE WORKSHOP ON THE OCT. 21-24, 2001, PISCATAWAY, NJ, USA, IEEE, 21 October 2001 (2001-10-21), pages 99 - 102, XP010566884, ISBN: 978-0-7803-7126-2

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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

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**EP 2822301 A1 20150107; EP 2822301 B1 20190619; DK 2822301 T3 20190701**

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