

Title (en)

Hearing device and method for the determination of room acoustics

Title (de)

Hörvorrichtung und Verfahren zum Bestimmen einer Raumakustik

Title (fr)

Appareil acoustique et method de mesure de l'acoustique d'une salle

Publication

EP 1753264 A1 20070214 (DE)

Application

EP 06118364 A 20060803

Priority

DE 102005037895 A 20050810

Abstract (en)

A first sound output unit exposes the hearing of the user to sound. A second sound output unit comprised of a signal generator/signal analyzer (GA) and a loudspeaker (LS) transmits an ultrasonic test signal to the surrounding area. A microphone (M) receives an answer to the test signal. An independent claim is also included for a room acoustic determining method.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/70 (2013.01 - EP US); **H04R 2225/41** (2013.01 - EP US)

Citation (search report)

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- [XY] WO 2004097350 A2 20041111 - UNIV ILLINOIS [US], et al
- [X] DE 3833200 A1 19890713 - DEUTSCHE POST RUNDFUNK [DD]
- [Y] US 4471171 A 19840911 - KOEPKE WOLFGANG [DE], et al
- [A] EP 1469703 A2 20041020 - PHONAK AG [CH]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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