

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
2 December 2004 (02.12.2004)

PCT

(10) International Publication Number
WO 2004/105431 A3

(51) International Patent Classification⁷: H04R 25/00

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(21) International Application Number:
PCT/IL2004/000419

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(22) International Filing Date: 17 May 2004 (17.05.2004)

(25) Filing Language: English

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(26) Publication Language: English

(30) Priority Data:
10/442,495 20 May 2003 (20.05.2003) US
10/607,891 27 June 2003 (27.06.2003) US

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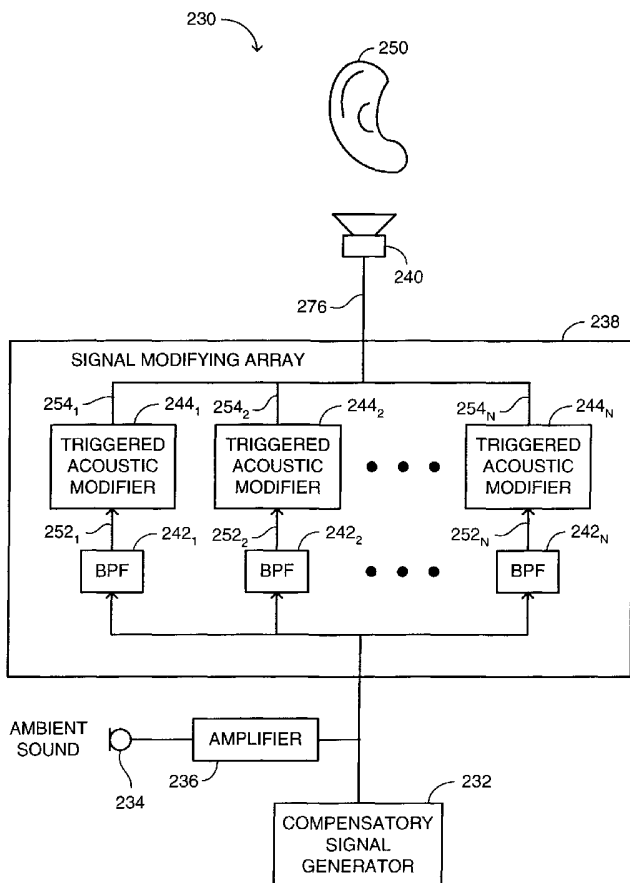
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(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

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[Continued on next page]

(54) Title: HEARING AID



(57) Abstract: System for enhancing the hearing of certain sounds, the system including an electro-acoustic transducer for producing sounds in the vicinity of an ear, according to signals provided thereto, and a compensatory signal generator coupled with the electro acoustic transducer, the compensatory signal generator producing a compensatory signal, according to at least a portion of a compensatory waveform, the compensatory waveform being determined according to ear otoacoustic emissions, the compensatory signal being employed to enhance the hearing, the compensatory signal generator providing the compensatory signal to the electro acoustic transducer.

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ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:
6 January 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL04/00419

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : HO4R 25/00
 US CL : 381/60, 312, 320, 321

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 381/312, 320, 321, 60, 326, 328, 380; 600/25, 559; 607/56, 57; 73/585.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 None

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 None

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,664,577 A (LONSBURY-MARTIN et al.) 09 September 1997 (09.09.1997), figures 5 and 7A-7F.	1-36
A	US 6,110,126 A (ZOTH et al.) 29 August 2000 (29.08.1978), figures 3 and 4.	1-57
A	US 6,275,596 B1 (FRETZ et al.) 14 August 2001 (14.08.2001), col. 4, lines 52-66 and col. 7, lines 60-67 through col. 8, lines 1-16.	1-36

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Date of the actual completion of the international search
 14 October 2004 (14.10.2004)

Date of mailing of the international search report
 10 1 NOV 2004

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