

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 December 2004 (09.12.2004)

PCT

(10) International Publication Number
WO 2004/107801 A3

(51) International Patent Classification⁷: **H04R 25/00**

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(21) International Application Number:
PCT/US2004/003168

(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.

(22) International Filing Date: 3 February 2004 (03.02.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/446,298 28 May 2003 (28.05.2003) US

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, 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, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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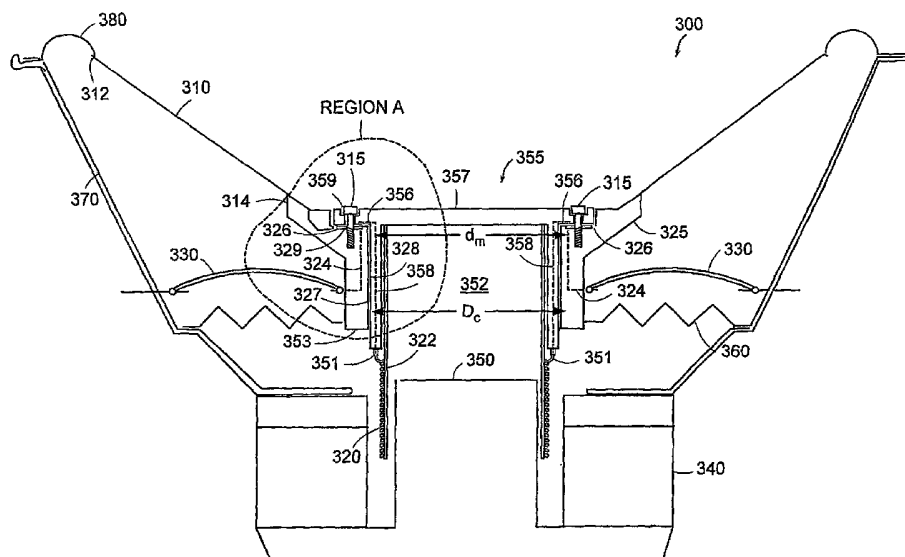
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Published:

— with international search report

[Continued on next page]

(54) Title: AUDIO SPEAKER HAVING A REMOVABLE VOICE COIL



(57) Abstract: An audio speaker (300) having a removable voice coil (320), which may be a part of a voice coil assembly (355). The voice coil may user-removable to facilitate replacement of a damaged voice coil or reconfiguration of a speaker system. Properly positioning the voice coil assembly may provide a solder-free electrical connection between the voice coil and leads that provide current to the voice coil. In some embodiments, the voice coil is user-removably attached to an inner circumferential surface of a diaphragm (310). In other embodiments, the voice coil is connected to the diaphragm (310), and the voice coil assembly (355) and the diaphragm (310) are both user removable attached to a frame (370).

WO 2004/107801 A3



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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.

(88) Date of publication of the international search report:
12 May 2005

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/03168

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04R 25/00

US CL : 381/407, 400, 403

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. : 381/407, 400, 403, 401, 404, 405, 409, 410, 398; 29/594, 609.1.

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.
X	US 4,118,605 A (KOBAYASHI) 03 October 1978, column 2, lines 30-38, 42-45 and 58-54; col. 3, lines 8-16 and figures 3-6.	1-88
A	US 6,088,466 A (PRONI) 11 July 2000, figures 2a, 2b, 2c, 3.	1-88

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"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

15 February 2005 (15.02.2005)

Date of mailing of the international search report

02 MAR 2005

Name and mailing address of the ISA/US

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Commissioner for Patents
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