

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 June 2001 (07.06.2001)

PCT

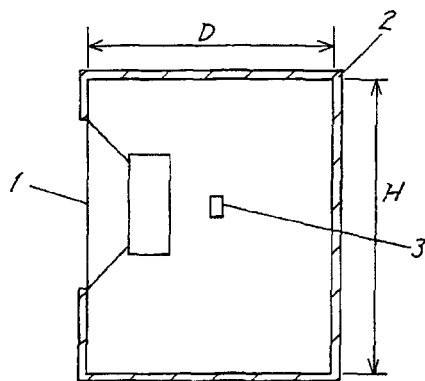
(10) International Publication Number
WO 01/41500 A3

- (51) International Patent Classification⁷: **H04R 3/00** (72) Inventor; and
(75) Inventor/Applicant (for US only): **TANAKA, Hidekazu**
(21) International Application Number: **PCT/JP00/08411** [JP/JP]; 1-1299-1, Gotanda-cho, Matsusaka-shi, Mie 515-0064 (JP).
(22) International Filing Date: 29 November 2000 (29.11.2000) (74) Agents: **IWAHASHI, Fumio** et al.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(25) Filing Language: English (81) Designated States (national): **CN, CZ, SG, US.**
(26) Publication Language: English (84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).
(30) Priority Data: 11/341750 1 December 1999 (01.12.1999) JP
(71) Applicant (for all designated States except US): **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
Published:
— with international search report
(88) Date of publication of the international search report: 10 May 2002

[Continued on next page]

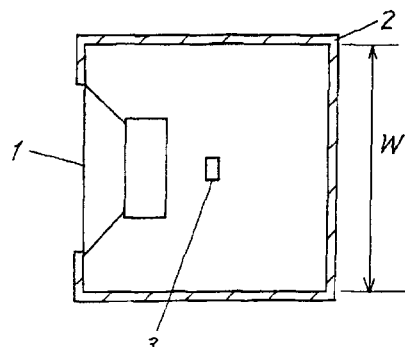
(54) Title: **LOUDSPEAKER DEVICE**

A



(57) Abstract: An anti-oscillation loudspeaker device where a reproduced sound is compensated based on a acoustic signal detected by a microphone and a reproduced band is enlarged is provided. In this loudspeaker device, a microphone is placed near a position where sound pressure of resonance occurring in a closed space for at least one of height, width, and depth of the inside of a cabinet is minimum. An influence of the resonance is restrained, a feedback circuit becomes stable, and a feedback amount increases.

B



WO 01/41500 A3



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.