



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification⁶ :
H04R 7/04

A1

(11) International Publication Number: WO 99/67974

(43) International Publication Date: 29 December 1999 (29.12.99)

(21) International Application Number: PCT/NZ99/00088

(22) International Filing Date: 18 June 1999 (18.06.99)

(30) Priority Data:

330777	22 June 1998 (22.06.98)	US
332328	13 October 1998 (13.10.98)	US
333833	21 January 1999 (21.01.99)	US

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(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

(54) Title: LOUDSPEAKERS

(57) Abstract

A flat panel rectangular or elliptical loudspeaker has one or more anisotropic diaphragms (14, 15), made of double skinned fluted polypropylene copolymer (core flute) or corrugated cardboard, having a longitudinal bending strength greater than the transverse bending strength. The diaphragm is vibrated by a driver unit (16) which comprises a magnet (17) and voice coil (18). In this version the magnet (17) is mounted on the rear diaphragm (15) and the voice coil (18) is mounted on the front diaphragm (14). The two diaphragms (14, 15) are mounted at their edges to a frame (11) with the driver unit (16) mounted in the space enclosed by the frame and the diaphragms.

