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WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



9903987-7

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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H04R 1/34, G06F 1/16		A1	(11) International Publication Number: WO 98/4346
			(43) International Publication Date: 1 October 1998 (01.10.98)
(21) International Application Number: PCT/GB98/00834			(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, GW, 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, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).
(22) International Filing Date: 19 March 1998 (19.03.98)			
(30) Priority Data: 9705981.0 22 March 1997 (22.03.97) GB			
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Published
With international search report.

(54) Title: PERSONAL COMPUTING DEVICES COMPRISING A RESONANT PANEL LOUDSPEAKER

(57) Abstract

The invention is a lap-top computer (128) or the like personal computing device having a body (137) comprising a keyboard (138) and a lid (130) hinged to the body and comprising a display screen (129) characterised by a resonant panel loudspeaker, preferably a distributed mode acoustic radiator loudspeaker, in or attached to the lid, and an acoustic waveguide or horn (167, 168) directing an acoustic output from the loudspeaker in a desired direction.

