(11) EP 1 551 204 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **25.01.2006 Bulletin 2006/04**

(51) Int Cl.: H04R 3/00 (2006.01)

(43) Date of publication A2: **06.07.2005 Bulletin 2005/27**

(21) Application number: 04257817.9

(22) Date of filing: 15.12.2004

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated Extension States:

AL BA HR LV MK YU

(30) Priority: 17.12.2003 JP 2003419888

(71) Applicant: SONY CORPORATION Tokyo 141 (JP)

(72) Inventor: Fuke, Nobuo Shinagawa-ku Tokyo (JP)

 (74) Representative: Smith, Samuel Leonard J.A. Kemp & Co., 14 South Square, Gray's Inn London WC1R 5JJ (GB)

(54) Speaker system

(57) In a speaker system having plural speaker units, at least one of the plural speaker units has one resistor for level adjustment that is positioned between terminals of a speaker and a switch for switching connection circuits for connecting the resistor for level adjustment with the

speaker. The resistor for level adjustment is connected with the speaker in series or parallel by the switch when performing the level adjustment. The speaker system can get two species of adjustment curves by using one resistor for level adjustment.



EUROPEAN SEARCH REPORT

Application Number EP 04 25 7817

		ERED TO BE RELEVANT					
Category	Citation of document with in of relevant passa	ndication, where appropriate, ges	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)			
D,X	JP 56 015531 U (TEI CO.LTD) 10 February * figure 1 *		1,2	H04R3/00			
D,X	JP 54 180727 U (TOA 21 December 1979 (1 * figure 1 *	A TOKUSHU DENNKI CO.LTD) 1979-12-21)	1,2				
A	US 4 363 934 A (SCH 14 December 1982 (1 * figures 1-3 *		1,2				
Α	PATENT ABSTRACTS OF vol. 008, no. 004 (10 January 1984 (19 & JP 58 170196 A (M KK), 6 October 1983 * abstract; figure	(E-220), 084-01-10) MATSUSHITA DENKI SANGYO 3 (1983-10-06)	1,2				
				TECHNICAL FIELDS			
				SEARCHED (IPC)			
				H03H			
	The present search report has	been drawn up for all claims					
	Place of search	Date of completion of the search		Examiner			
	The Hague	2 December 2005	Bra	andt, I			
CA	ATEGORY OF CITED DOCUMENTS	T : theory or principle					
	icularly relevant if taken alone icularly relevant if combined with anot	after the filing date	E : earlier patent document, but published on, or after the filling date Didocument sited in the application				
docu	ment of the same category	L : document cited for	D : document cited in the application L : document cited for other reasons				
A Tech	nological background		· · · · · · · · · · · · · · · · · · ·				

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 04 25 7817

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

02-12-2005

	ent document n search report		Publication date		Patent family member(s)		Publication date
JP 50	6015531	U	10-02-1981	NONE			
JP 5	4180727	U	21-12-1979	JР	59003673	Y2	01-02-198
US 4:	363934	Α	14-12-1982	GB	2079087	Α	10-02-198
JP 58	8170196	Α	06-10-1983	NONE			

FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82