



⑪ Publication number : **0 500 294 A3**

⑫ **EUROPEAN PATENT APPLICATION**

⑰ Application number : **92301276.9**

⑸ Int. Cl.⁵ : **H04R 5/02, H04R 1/28, H04R 1/32, H04S 1/00**

⑱ Date of filing : **17.02.92**

⑳ Priority : **16.02.91 JP 44294/91**

⑺ Inventor : **Iguchi, Mikio**
Kamisugeta-cho, Hodogaya-ku
Yokohama-shi, Kanagawa (JP)
 Inventor : **Tanaka, Chie**
9-3-503, Hoshikawa 3-chome, Hodogaya-ku
Yokohama-shi, Kanagawa (JP)
 Inventor : **Suzuki, Takeo**
2-11-8, Hiragagakuendai, Inbamura
Inba-gun, Chiba (JP)

⑬ Date of publication of application :
26.08.92 Bulletin 92/35

⑧ Designated Contracting States :
DE FR GB IT

⑦ Representative : **Colgan, Stephen James et al**
CARPMAELS & RANSFORD 43 Bloomsbury
Square
London WC1A 2RA (GB)

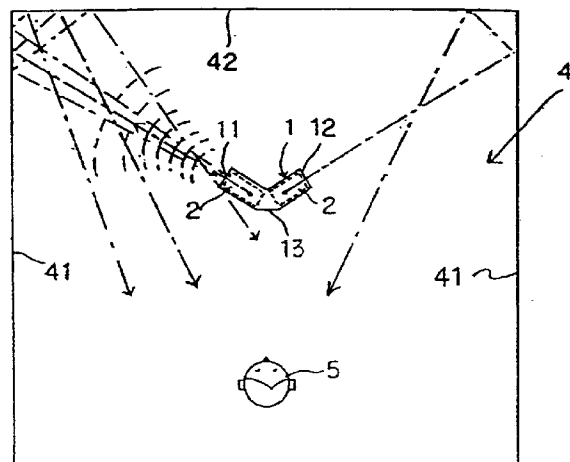
⑨ Date of deferred publication of search report :
27.04.94 Bulletin 94/17

① Applicant : **NIPPON BROADCASTING**
SYSTEM, INC.
9-3, 1-chome, Yuraku-cho
Chiyoda-ku, Tokyo (JP)

④ **Stereophonic sound reproducing apparatus.**

⑥ Disclosed is a stereophonic sound reproducing apparatus which produces a range of sounds capable of being heard naturally by a listener. The apparatus has left and right acoustic sources whose sounds are picked up by a sound pick-up mechanism modeled after human auditory organs. The acoustic sources are emitted from two directional speakers in a sound field toward the reflective walls of the sound field in such a manner that the acoustic sources will not interfere with each other. The listener hears the sounds from the two speakers after the sounds are reflected by the walls. The apparatus is capable of reproducing deeper stereophonic sound than the conventional stereophonic sound reproducing apparatus.

Fig. 2





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 92 30 1276

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
X A	US-A-3 933 219 (BUTLER) * column 2, line 41 - column 4, line 12; figures * ---	1 2	H04R5/02 H04R1/28 H04R1/32 H04S1/00
A	EP-A-0 126 783 (GENUIT) * page 8, line 4 - page 10, line 5 * ---	1	
A	DE-A-39 02 062 (EWD) * column 2, line 8 - line 22; figures * ---	1	
A	DE-A-37 33 494 (AKG) * column 2, line 41 - column 3, line 27 * ---	1	
A	US-A-4 503 930 (MCDOWELL) * column 3, line 4 - line 36; figures * -----	1,3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			H04R H04S
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 7 March 1994	Examiner Gastaldi, G
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

EPO FORM 1503 03.82 (P04C01)