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(54) Radiating domes for loudspeakers.

(57) A radiating metal dome for use in loudspeakers is made of copper, silver or gold, or of an alloy of one of these metals with additions not sufficient substantially to reduce the thermal conductivity. This ensures good heat dissipation from the coil (14). The dome may comprise a plurality of layers (10, 12), at least one of which is a layer of a metal or a metal alloy, in intimate contact. This sandwich construction enables an improved frequency response characteristic to be achieved. The metal or metal alloy layer or layers may also be provided with one or more layers of a protective material and/or a sound damping material. A non-metallic filler layer (18) may be provided between two layers (10, 12) of metal or metal alloy.

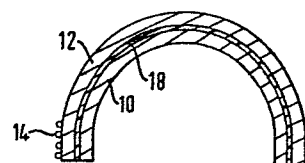


FIG. 2.



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. ³)
X	US-A-3 991 286 (C.A. HENRICKSEN) * Column 2, lines 40-56; figure 2 *	1,7	H 04 R 7/12
X	FR-A- 653 019 (L. QUEUNIE) * Whole document *	1,3,8,9	
A		4	
X	US-A-4 135 601 (TSUNEHIRO TSUKAGOSHI) * Column 1, line 66 - column 2, line 23; figure 1 *	2,5	
A		4	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
X	US-A-4 140 203 (HIROTOSHI NIGUCHI) * Claims 1,9,11; example 3; figure 4 *	2,6	H 04 R
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 21-09-1983	Examiner MINNOYE G.W.
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			