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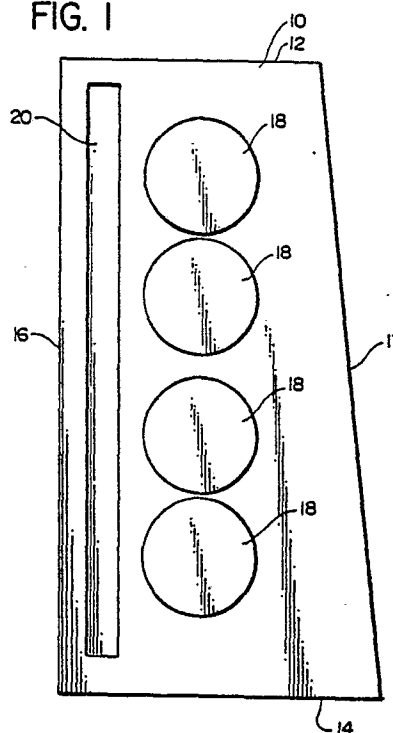
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54 **Loudspeaker apparatus and method.**

57 An open-back baffle loudspeaker having a higher baffle cut-off frequency and a lower resonant frequency of possibly 25-50Hz. The loudspeaker is made with a relatively high "Q" (e.g., between 2 to 4) so that the effect of the "Q" on amplitude counteracts the effect of baffle roll-off, thus causing the amplitude of the output of the loudspeaker to remain substantially constant from the baffle cut-off frequency to the resonant frequency. The result is a loudspeaker which can more faithfully reproduce relatively low frequency sounds.

FIG. 1



EP 0 267 650 A3



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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.4)
D,Y	JOURNAL OF THE AUDIO ENGINEERING SOCIETY, vol. 28, no. 1/2, Jan/Feb 1980, pages 35-39; R.J. NEWMAN: "Dipole Radiator Systems" * Page 36, lines 7-26; page 37, column 1, lines 20-46; page 37, column 2, lines 18-24 *	1,2,10, 11,13, 16,19	H 04 R 1/28 H 04 R 9/06
Y	DE-A-1 537 629 (A. KLEMT) * Page 2, line 21 - page 3, line 18; figure 1 *	1,2,10, 11,13, 16,19	
A	US-A-3 680 658 (GOESKEL) * Figure 1; column 4, lines 5-18 *	8-9	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 04 R 1 H 04 R 9
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22-01-1990	Examiner ANDERSEN J.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			