



## Europäisches Patentamt

19 European Patent Office

Office européen des brevets

(11) Publication number:

0 192 379

A3

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## EUROPEAN PATENT APPLICATION

(21) Application number: 86300791.0

⑤1 Int. Cl.<sup>4</sup>: G 10 K 11/16

22 Date of filing: 06.02.86

③ Priority: 21.02.85 GB 8504541

(43) Date of publication of application:  
27.08.86 Bulletin 86/35

88 Date of deferred publication of search report: 03.06.87

84 Designated Contracting States:  
AT BE CH DE FR GB IT LI LU NL SE

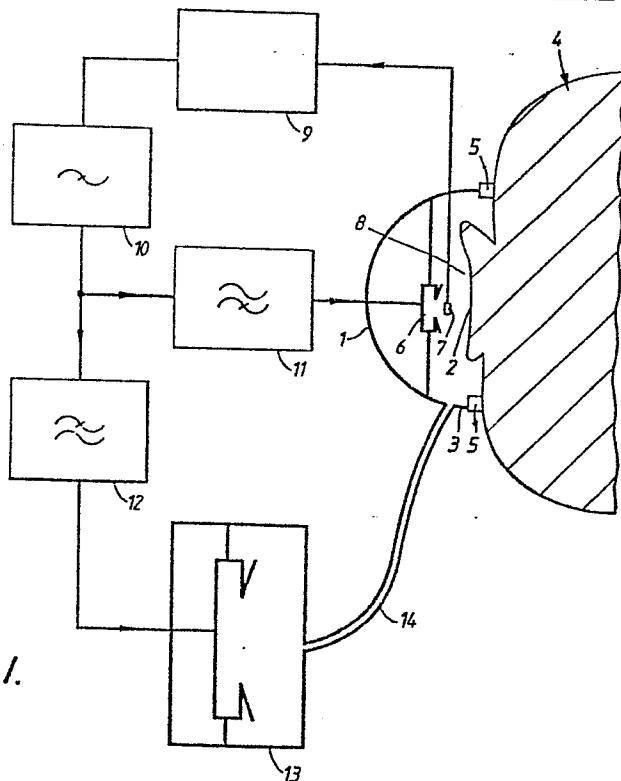
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#### 54 Improvements relating to noise reduction arrangements.

(57) An active noise reduction arrangement which comprises at least one ear defender or earphone structure (1) which embodies a small noise pick-up microphone (7) and associated noise-cancelling transducer (6), in which a front cavity (8) defined between the structure (1) and the ear (2) of its wearer when the arrangement is in use is coupled to a further cavity and/or a source (13) of low frequency noise-cancellation signals by means of low-pass acoustic filter means (14).





EP 86 30 0791

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)
Y	DE-A-2 925 134 (SENNHEISER ELECTRONIC) * Claims 1-7 *	1-3	G 10 K 11/16 A 61 F 11/02
Y	DE-A-1 903 794 (INSTRUMENT SYSTEMS) * Page 1, line 9 - page 2, line 13 *	1-3	
A,P	DE-A-3 411 494 (M. PEEVERS et al.) * Abstract *	1,4	
A	FR-A-2 398 425 (G. HEHEMANN) * Claims 1,3; figure 6 *	5	
A	DE-A-2 601 661 (BATTELLE-INSTITUT) -----		TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 10 K A 61 F H 04 R
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	28-01-1987	HAASBROEK J.N.	
CATEGORY OF CITED DOCUMENTS		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	
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			