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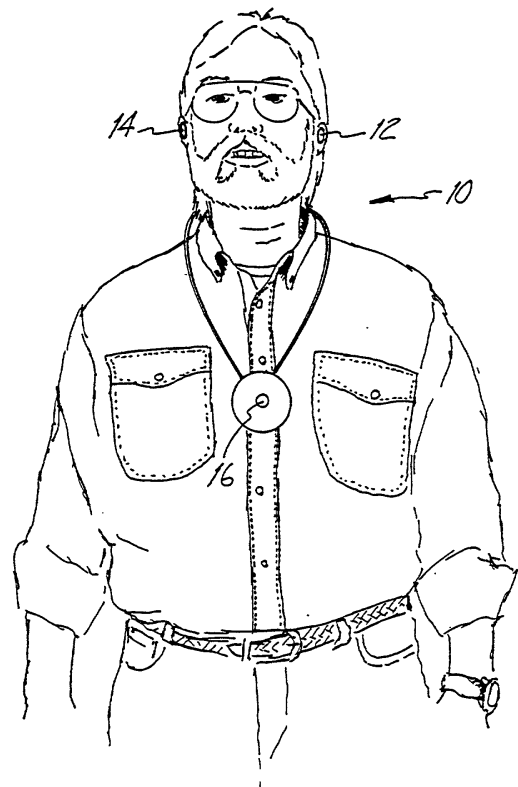
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(54) **Hearing aid system**

(57) A hearing aid system includes an earpiece for producing sound representative of a listening environment. A module worn by the hearing aid user is in wireless communication with the earpiece. A plurality of microphones are located in the module to receive incoming sound signals from the listening environment. Processing circuitry in the module analyzes the incoming sound signals received by the plurality of microphones and generates control signals to govern the production of sound by the earpiece.



*Fig. 1*

**EP 1 017 252 A3**



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	-----	2-6, 9-14,17, 18	
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Y	US 5 524 056 A (KILLION ET AL) 4 June 1996 (1996-06-04) * abstract *	3,5,11, 13	
Y	US 5 680 466 A (ZELIKOVITZ ET AL) 21 October 1997 (1997-10-21) * claim 1 *	4,12	
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC) H04R
Place of search The Hague		Date of completion of the search 6 April 2006	Examiner Wanzeele, R
<b>CATEGORY OF CITED DOCUMENTS</b> 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	

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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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.

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