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(54) **Real-ear zoom hearing device**

(57) There is proposed a hearing device with a behind-the-ear microphone arrangement (1) not to be placed in the ear canal (5) whereat beamforming (9) provides for substantially constant amplification independent of direction of arrival of an acoustical signal at a pre-

determined frequency (10) and provides above such frequency directivity so as to reestablish a head-related-transfer-function of the individual.

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EUROPEAN SEARCH REPORT

Application Number
EP 04 00 2886

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.7)
A	US 2003/142836 A1 (WARREN DANIEL MAX ET AL) 31 July 2003 (2003-07-31) * abstract * * paragraph [0114] - paragraph [0121]; figures 11-13 *	1	H04R3/00 H04R25/00
D,A	WO 99/09786 A (PHONAK AG ; MAISANO JOSEPH (CH); HOTTINGER WERNER (CH)) 25 February 1999 (1999-02-25) * abstract * * page 1, line 12 - line 29; figures 1,2 * * page 16, line 21 - page 18, line 7; figure 13 *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H04R
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 7 July 2004	Examiner Gerken, S
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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