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(54) A method for electronically beam forming acoustical signals and acoustical sensorapparatus

(57) A predetermined characteristic of amplification in dependency of the direction (θ) from which acoustical signals are received at two spaced apart acoustical/electrical transducers (1, 2) is formed in that repetitively a mutual delay signal (A_{10}) is determined from the output signals of the transducers and according to the reception delay at the transducers, one (S_1) of the output signals is filtered, thereby the filtering transfer characteristic is controlled in dependency of the mutual delay signal (A_{12}). The output signal of the filtering (14) is exploited as electrical reception signal (S_r).

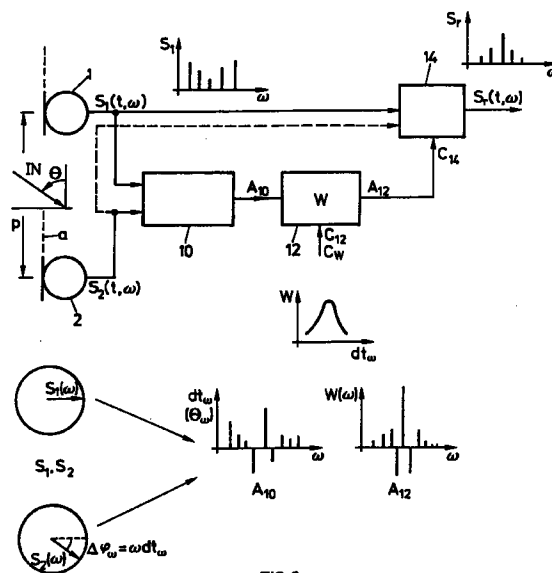


FIG. 6

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EUROPEAN SEARCH REPORT

Application Number
EP 97 11 4413

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.6)
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A	ABSTRACT, PARAGRAPHS: IA, IIA, IIB, IIIA.	3-5, 9, 11, 13, 17, 18, 23, 25, 26, 28, 29	
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	* page 5, line 16-45; figure 3 *		
	* page 10, line 55-65 *		
	* page 11, line 46-59 *		
	* page 16, line 1-23 *		
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 January 1998	Examiner Zanti, P
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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EUROPEAN SEARCH REPORT

Application Number
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
The present search report has been drawn up for all claims			
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