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54 **Transducer arrays.**

57 A transducer for detecting an acoustic wave, the transducer comprising a panel member for affixing to the surface of the vessel, the panel member having an array of preformed apertures into which are inserted into a corresponding array of transducer elements, the configuring of the array being random or pseudo-random such as to produce a directionally uniform response for the array of transducer elements.



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)
A	FR-A-2 350 758 (ANVAR) * Page 8, line 2 - page 9, line 5; figures 1,2 * ---	1	G 10 K 11/00
A	GB-A- 641 346 (RAYTHEON MANUFACTURING CO.) * Claim 1; figure 6 * ---	1	
A	US-A-2 911 484 (C.F. SPITZER et al.) * Column 7, lines 1-12; figure 6 * ---	1,3,4	
A,D P	WO-A-8 707 069 (PLESSEY OVERSEAS LTD) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 10 K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12-06-1989	Examiner ANDERSON A.TH.
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			