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54 **Microwave filter.**

57 An electrical assembly comprises a board (13) mounted on the bottom wall of a aluminium box (10) and having an insulating layer (16) mounted on a conductive layer (17), a microstrip circuit (18, 19, 20) formed on the insulating layer (16), and a comb-line microwave filter which includes a set of resonant elements (22 to 25) extending from the conductive layer into a cavity (27). The element (22) is insulated from the conductive layer (17) and is connected to a point in the microstrip circuit. By providing the microstrip circuit and filter on a common board, no connected leads are needed. Other filters may be combined with a microstrip circuit in a similar manner.

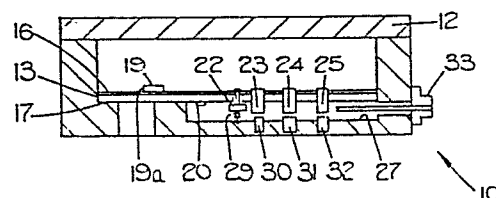


FIG.3.



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. ³)
X	US-A-4 100 504 (W.E. McGANN) * Column 3, lines 11-16, 50-60; figures 3-5 *	1,4	H 01 P 1/20 H 01 P 3/08
Y		2,3	
Y	US-A-4 037 182 (G.L. BURNETT et al.) * Figures *	2,3	
A	PATENTS ABSTRACTS OF JAPAN, vol. 4, no. 32 (E-2)[514], 19th March 1980, page 114E2; & JP - A - 55 5541 (NIPPON DENKI K.K.) 16-01-1980		
A	US-A-3 793 539 (A.S. CLORFEINE)		TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
A	US-A-4 254 383 (A.R. WOLFE)		H 01 P
A	US-A-4 342 972 (T. NISHIKAWA et al.)		
A	EP-A-0 008 790 (MATSUSHITA)		
A	US-A-3 818 389 (R.E. FISHER)		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26-03-1985	Examiner LAUGEL R.M.L.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			