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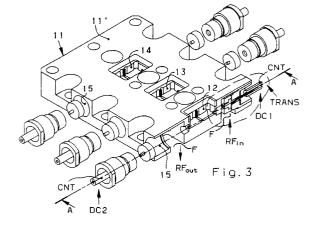
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Guide-microstrip transition integrating a polarization filter in hermetic active modules with high packing and associated modules.

57 A guide-microstrip transition including a decoupling filter on the power supply is described. The transition is used in hermetic active microwave modules (SSPA) with high packing. It comprises a glass bead coupling a microstrip of a MIC to a probe functioning as an antenna in a resonant cavity communicating with a wave guide. The probe also comprises a cylindrical conductor with very small diameter and electrical length equal to one-fourth wave length at a frequency of 20GHz connected to the centre of the armature of a discoid capacitor acting as a short-circuit for the RF. A connector is also connected to the centre of said armature and to a battery. The connector and the cylindrical conductor are aligned on the same axis of the glass bead. There is also described a triple amplification module obtained by using said transitions.





EUROPEAN SEARCH REPORT

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	DOCUMENTS CONSIDE		AITI		
Category	Citation of document with indica of relevant passag	tion, where appropriate, es	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)	
A	GB-A-1 190 496 (THE MA * the whole document *	RCONI COMP LTD)	1,5	H01P5/107	
A	PATENT ABSTRACTS OF JAPAN vol. 11, no. 81 (E-488) (2528) 12 March 1987		1,5		
	& JP-A-61 234 601 (NEC 1986 * abstract *	CORP.) 18 Octobe	r		
A	US-A-4 152 666 (KAJIKA * column 2, line 63 - figures 2,3 *		; 1,5		
A	FR-A-956 487 (INTERNAT ELECTRIC CORP) * the whole document *		1,5		
				TECHNICAL FIELDS SEARCHED (Int.Cl.5)	
				H01P	
				H03D H03F	
	The present search report has been d				
	THE HAGUE	Date of completion of the searce 10 June 1994		Examiner Otter, A	
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