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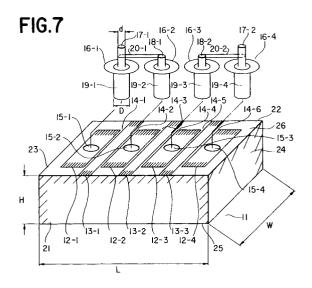
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- Dielectric filter having coupling amount adjusting patterns.
- 57) A dielectric filter having a dielectric block (11) made of a uniform, single dielectric material, dielectric resonators (15-1 - 15-4) each of which includes a central conductor formed in the dielectric block (11) in an approximately parallel fashion, and one or more coupling amount adjusting patterns (13-1 - 13-3) each of which is formed between the two adjacent dielectric resonators and is grounded so that the dielectric resonators are coupled through inductive impedance. The coupling adjusting patterns are formed on the top surface of the dielectric block in thin patterns. This makes the filter smaller in size and the trimming of the pattern more easily than those of the conventional filters in the manufacturing process. Control of the characteristics of the filter can be carried out easily.





EUROPEAN SEARCH REPORT

EP 91 10 1871

DOCUMENTS CONSIDERED TO BE RELEVANT				
Category	Citation of document with indic of relevant passa	ation, where appropriate, ges	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
K	EP-A-0 347 774 (OKI ELECT * page 4, line 20 - page * figures 2-5 *		1-3	H01P1/205
(US-A-4 823 098 (DEMURO ET * column 2, line 14 - col * figures 2,3 *		1-2	
	GB-A-2 210 225 (MURATA MAI * page 11, paragraph 3 * * figure 5C *	NUFACTURING CO.)	1-2	
		-		
				TECHNICAL FIELDS SEARCHED (Int. Cl.5)
				H01P
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	The present search report has been	drawn up for all claims		
-	Place of search	Date of completion of the search	·	Examiner
	THE HAGUE	21 JULY 1992	JEPS	SEN J.
X : part Y : part doc: A : tech O : non	CATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anothe iment of the same category inological background -written disclosure rmediate document	E : earlier patent after the fillin r D : document cite L : document cite	ciple underlying the document, but publ g date d in the application d for other reasons e same patent famil	ished on, or