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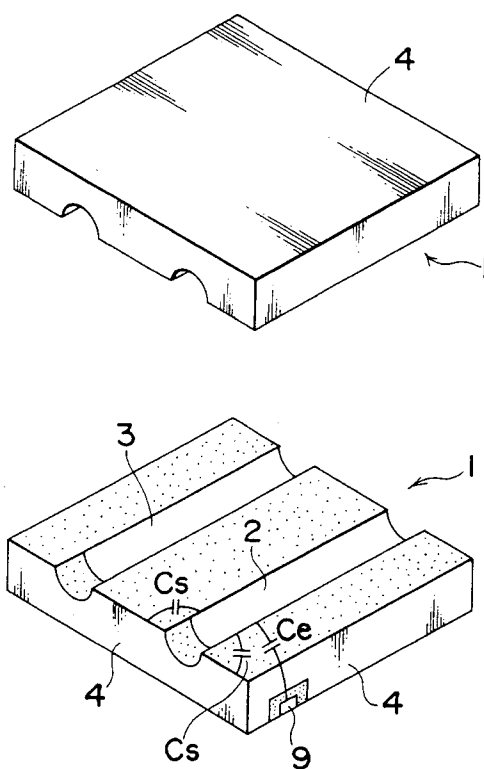
(54) **Dielectric resonator and its characteristic adjusting method.**

(57) Dielectric resonator (1) wherein an internal conductor non-formed portion is provided near one open face of the internal conductor formed holes, and signal input, output electrodes (9,10) are provided on one portion of the external conductor (4), whereby

electromagnetic field leakage is restrained, because the open face is not formed, and individual parts such as signal input, output pins and so on are not required.

EP 0 556 573 A3

Fig. 5





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EUROPEAN SEARCH REPORT

Application Number

EP 93 10 0741
Page 1

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.5)
X	WO-A-8 302 853 (MOTOROLA INC) * page 4, line 1 - page 5, line 29; figures 1,4 *	1-3	H01P1/205
Y	---	5	
Y	GB-A-2 240 432 (NGK SPARK PLUG CO LTD) * page 3, line 32 - page 4, line 20; figure 2 *	5	
X	---	1-3	
X	PATENT ABSTRACTS OF JAPAN vol. 6, no. 72 (E-105)(950) 7 May 1982 & JP-A-57 013 801 (NIPPON DENGIYOU KOUSAKU K.K.) * abstract *	1-3	
X	---	4	
X	WO-A-8 500 929 (AMERICAN TELEPHONE & TELEGRAPH COMP.) * the whole document *	4	
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A	GB-A-2 163 606 (MURATA MANUFACTURING CO LTD) * page 4, line 57 - line 63 * * page 5, line 50 - page 6, line 18; figures 8,13-15 *	8	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
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X	PATENT ABSTRACTS OF JAPAN vol. 13, no. 522 (E-849)(3870) 21 November 1989 & JP-A-12 12 001 (MATSUSHITA ELECTRIC IND. CO. LTD.) 25 August 1989 * abstract *	8,10	
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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 25 AUGUST 1993	Examiner DEN OTTER A.M.
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			



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.5)		
X	PATENT ABSTRACTS OF JAPAN vol. 11, no. 286 (E-541)(2733) 16 September 1987 & JP-A-62 85 502 (FUJITSU LTD) 20 April 1987 * abstract *	8			
A	--- PATENT ABSTRACTS OF JAPAN vol. 8, no. 256 (E-280)(1693) 22 November 1984 & JP-A-59 128 801 (OKI DENKI KOGYO K.K.) 25 July 1984 * abstract * -----	9			
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)		
The present search report has been drawn up for all claims					
Place of search THE HAGUE		Date of completion of the search 25 AUGUST 1993	Examiner DEN OTTER A.M.		
<table border="0"><tr><td>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</td><td>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</td></tr></table>				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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