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(54) Microwave filter with coupling elements

(57) A microwave filter with multiple resonant cavities that are delimited by conducting walls and arranged consecutively. Two adjacent walls are coupled by means of a coupling element comprising a first opening in the common wall of said cavities, a probe (23) positioned in said first opening, which produces a coupling of opposite sign to that defined by said first opening and,

also, includes movable adjustment means (33) which penetrate the first opening and whose function is to adjust the overall value of the coupling produced by the combination of said first opening and said probe (23). Consequently, a progressive adjustment of the overall value of the coupling is obtained in a wide range of values.

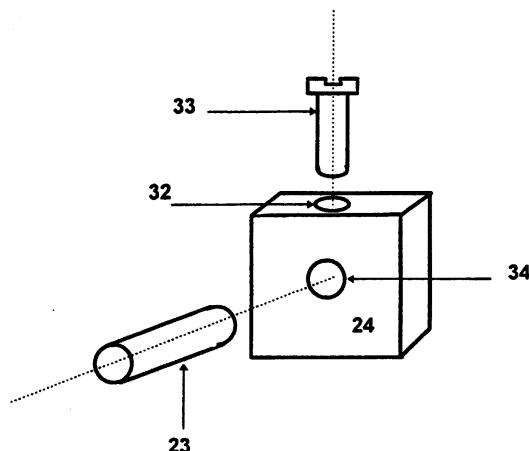


FIG. 3



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EUROPEAN SEARCH REPORT

Application Number

EP 98 40 0865

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)						
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim							
X	WO 96 29754 A (BARTLEY MACHINE & MANUFACTURING COMPANY, INC.) 26 September 1996 * page 6, line 3 - page 7, line 32 * * page 15, line 18 - line 27; figures 1,12B,13 * ---	1,2	H01P1/208						
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)						
			H01P						
<p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 34%;">Examiner</td> </tr> <tr> <td>THE HAGUE</td> <td>2 February 1999</td> <td>Den Otter, A</td> </tr> </table>				Place of search	Date of completion of the search	Examiner	THE HAGUE	2 February 1999	Den Otter, A
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THE HAGUE	2 February 1999	Den Otter, A							
CATEGORY OF CITED DOCUMENTS		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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 98 40 0865

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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