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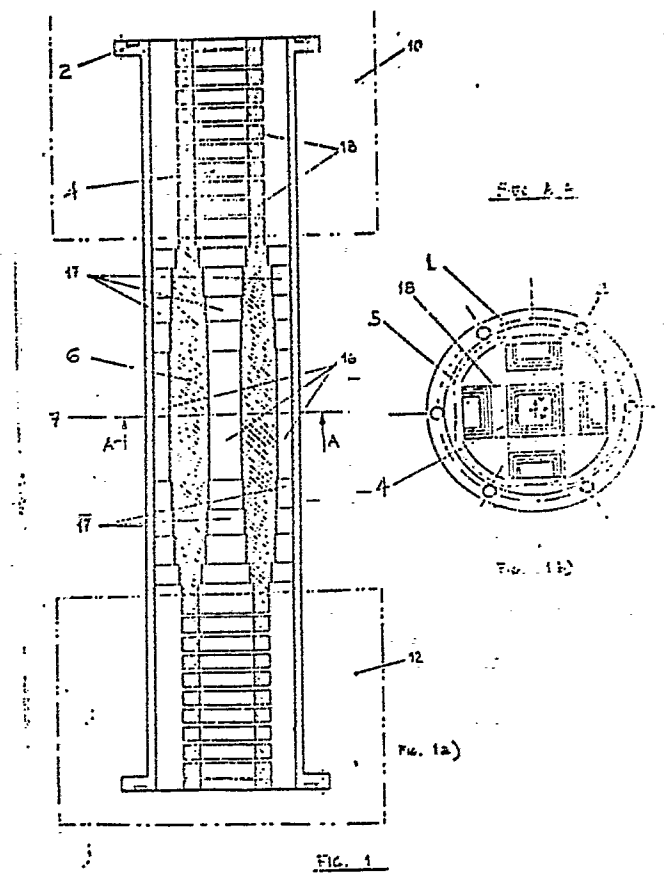
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54 **Branching network for the separation of very high frequency signals in double polarization.**

57 **Branching network for the separation of very high frequency signals in double polarization, with compact structure, reduced loss due to insertion and with a high degree of selectivity for frequencies and polarizations to be used essentially in the field of terrestrial stations for satellite communications.**

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EUROPEAN SEARCH REPORT

01 63611

Application Number

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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.4)
X	ABSTRACTS OF IECE TRANSACTIONS, vol. 58, no. 10, October 1975, pages 23-24 ; S. SHINDO: "A 20 GHz and 30 GHz bands transmit-receive filter using square waveguide" * Page 24, left-hand column, lines 9-25; figure 1 *	1,2	H 01 P 1/161 H 01 P 1/213
X	12TH EUROPEAN MICROWAVE CONFERENCE PROCEEDINGS, 13th - 17th September 1982, pages 773-777, Finlandia Hall, Helsinki, FI; E. CAVALIERI D'ORO et al.: "Diplexing network for 'frequency reuse'" * Page 773, lines 18-29; figures 2-4; page 774, lines 20-23 *	1	
Y		2	
Y	BELL TELEPHONE SYSTEM, monograph nr. 3750, 1961, pages 1-15, The Bell System Technical Journal, vol. 40, US; E.A. MARCATILI et al.: "Band-splitting filter" * Page 2, lines 3-12; figures 1,3,4,9; page 12, lines 7-13 *	2	TECHNICAL FIELDS SEARCHED (Int. Cl.4) H 01 P
A		1	
A	BELL TELEPHONE SYSTEM, monograph nr. 3341, 1960, pages 1-15, The Bell System Technical Journal, vol. 38, US; E.T. HARKLESS: "Network for combining radio systems at 4,6 and 11 kmc" * Page 2, line 5 - page 3, line 11; figure 1 *	1	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 07-12-1987	Examiner DEN OTTER A.M.
<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>			