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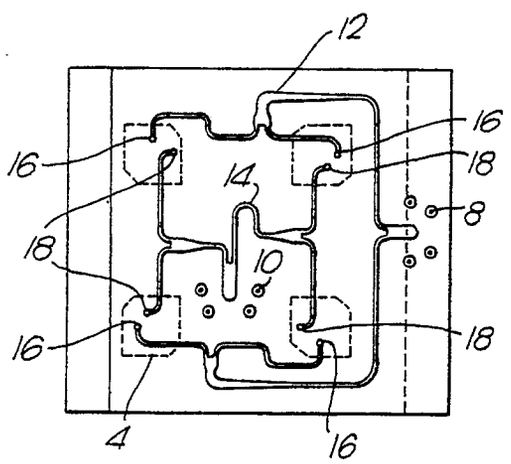
(54) Microstrip antenna.

(57) The invention relates to a microstrip antenna (2) for radiating or receiving circularly polarised radiation. The antenna (2) includes an array of radiation elements (4), a first feed means (12) coupled to the elements (4) in a manner for effecting circular polarisation in a first sense of signals afforded to the elements (4), and further feed means (14) arranged in a non-overlapping relationship with respect to the first feed means (12) and coupled to the elements (4) in a manner for effecting circular polarisation in the opposite sense of signals afforded to the elements (4).

Fig.3.



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EUROPEAN SEARCH REPORT

Application Number

EP 90 31 3290

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)
P,X	EP-A-0 360 692 (AGENCE SPATIALE EUROPEENNE) * column 5, lines 23 - 45; figure 4 *	1-3,5-10	H 01 Q 9/04 H 01 Q 21/00 H 01 Q 21/06
A	Conference Proceedings Military MICROWAVES ¾ 86 June 1986, Brighton,England pages 323 - 328; OWENS and SMITH: "DUAL BAND,DUAL POLARISATION MICROSTRIP ANTENNA FOR X-BAND SATELLITE COMMUNICATIONS" * figures 2-4 *	1,4	
A	MICROWAVE JOURNAL. vol. 30, no. 4, April 1987, DEDHAM US pages 87 - 96; Lalezari et.al.: "mm-Wave Microstrip Antennas" * page 96; figure 11 *	1	
P,X	ELECTRONICS LETTERS. vol. 26, no. 18, 30 August 1990, ENAGE GB pages 1433 - 1434; OWENS and SMITH: "LOW-PROFILE DUAL BAND,DUAL POLARISED ARRAY ANTENNA MODULE" * the whole document *	1-10	

TECHNICAL FIELDS SEARCHED (Int. Cl.5)

H 01 Q

The present search report has been drawn up for all claims

Place of search	Date of completion of search	Examiner
The Hague	26 June 91	ANGRABEIT F.F.K.

CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone
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