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Applicant: **STCPLC**
10, Maltravers Street
London, WC2R 3HA(GB)

Inventor: **Waddoup, William David**
11, Elmbridge
Harlow Essex(GB)

Inventor: **Norris, Andrew Peter**
Langstone Mill Lane
Stebbing Great Dunmow Essex(GB)

Inventor: **Pearson, Alan**
30, The Maples
Harlow Essex(GB)

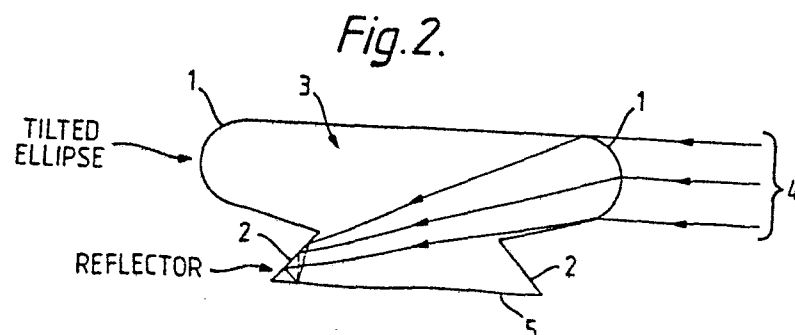
Inventor: **McEwen, Colin Dougal**
4, Wentworth Drive
Bishop's Stortford Hertfordshire(GB)

Representative: **Dennis, Mark Charles et al,**
STC Patent Department Edinburgh Way
Harlow Essex CM20 2SH(GB)

Omni-directional antenna.

An azimuthally omni-directional antenna for radio waves comprises a dielectric lens (3) having an elliptic surface in vertical plane (1) and a reflector arrangement (2) which coop-

erate to focus rays (4) onto an array of elements at the surfacial plane (5). Local oscillator power can be injected and mixed (Fig. 4).





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EUROPEAN SEARCH REPORT

0212963

Application Number

EP 86 30 6363

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	DE-A-2 614 133 (SIEMENS) * Page 5, lines 1-29; claims 1-3; figures 1,2 * ----	1,7	H 01 Q 19/06 H 01 Q 15/23 H 01 Q 25/00
E	US-A-4 682 179 (GERHARZ) * Abstract; figures 1-3 * ----	1,7	
A	DE-A-1 917 675 (DEUTSCHE BUNDESPOST) * Claim 1; figures 1-4 * ----	1-4	
A	FR-A-2 334 216 (THOMSON-CSF) * Claim 1; figures 1,2 * -----	1,3	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 01 Q
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		03-05-1988	ANGRABEIT F.F.K.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
Y : particularly relevant if combined with another document of the same category		E : earlier patent document, but published on, or after the filing date	
A : technological background		D : document cited in the application	
O : non-written disclosure		L : document cited for other reasons	
P : intermediate document		& : member of the same patent family, corresponding document	

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