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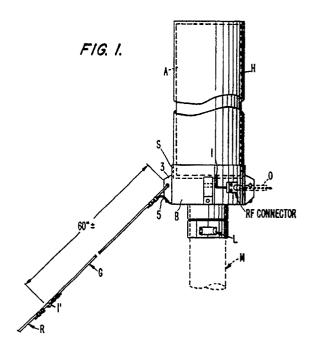
Date of deferred publication of the search report: 20,03.91 Bulletin 91/12 71) Applicant: CHU ASSOCIATES INC P O Box 2387 Witcomb Avenue Littleton Massachusetts(US)

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Monopole antenna.

An azimuthal omnidirectional communications mast-mounted antenna in which the monopole antenna (A) is encased in a dielectric cylinder (H) which is received in a conductive base cylinder (B), having a plurality of metallic conductive guy wires (G) of appropriate length, in turn extended by rope guy wires for support of the mast structure (M), and disposed about and radially depending at an acute angle from the outer surface of the base cylinder to form not only guying functions, but simultaneously to serve as an elevated radial ground plane for the antenna.





EUROPEAN SEARCH REPORT

EP 89 31 1450

DOCUMENTS CONSIDERED TO BE RELEVANT					
ategory	1	th indication, where appropriate, vant passages		levant ciaim	CLASSIFICATION OF THE APPLICATION (Int. CI.5)
Α	CH-A-4 741 64 (THOMSON HOUSTON) * Colum 1, lines 7-13,29-38; column 2, lines 7-11; main claim; subclaims 1,3; fig. *			,4	H 01 Q 9/38
Α	NHK LABORATORIES NOTE, no. S-2, June 1965, pages 1-44; K. ENDO et al.: "A method of exciting a medium-wave broadcast antenna with arbitrarily desired current distribution" * Page 1, lines 5-7; page 2, lines 1-16; page 37, lines 6-9 *		-wave bu-		
Α	PATENT ABSTRACTS OF (E-57)[746], 16th May 1981 & JP-A-56 24 818 (DENKI k * Whole article *	•	1,4		
A,D	US-A-4 598 296 (I. FAIGEN et al.) * Column 2, lines 48-62; column 4, lines 6-19; claim 1; figures 1,2 *		1,5		
					TECHNICAL FIELDS
					SEARCHED (Int. CI.5)
The present search report has been drawn up for all claims					
Place of search The Hague Date of completion of search 18 December 90			arch I	<u>, .</u>	Examiner
)	BUTLER N.A.	
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same catagory 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		
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