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(72) Inventor: **Brown, Paul Anthony
Kendal, Cumbria LA9 6EA (GB)**

(74) Representative: **Hackney, Nigel John et al
Mewburn Ellis,
York House,
23 Kingsway
London WC2B 6HP (GB)**

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(71) Applicant: **NORWEB PLC
Manchester M16 0HQ (GB)**

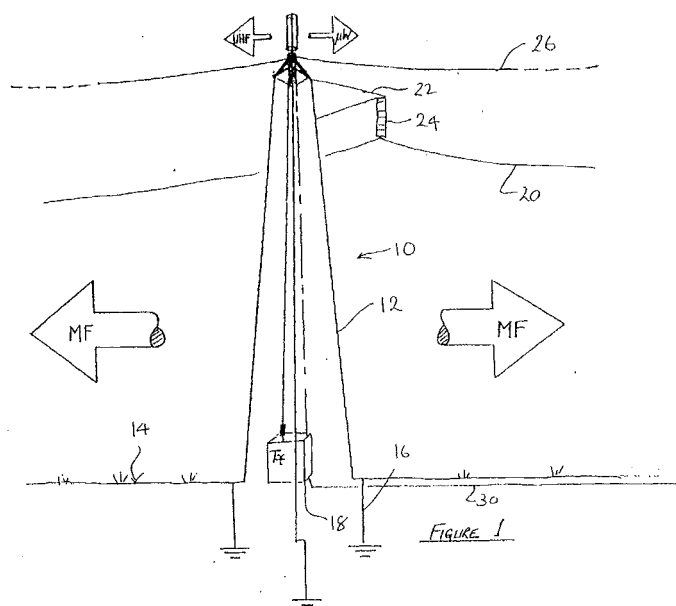
(54) **Radio broadcasting system comprising an antenna system, which is constituted by at least a portion of the above-ground component of an electricity distribution network**

(57) According to the invention there is provided a broadcast system including a transmitter for transmitting communication signals which transmitter includes a transmitting antenna which is supported on or is constituted by an above-ground component of an electricity distribution and/or power transmission network.

In embodiments of the invention, a part of an existing EDN can take the place of a dedicated transmitting

antenna, so avoiding the inconvenience and cost of finding a site for and installing a transmitting antenna.

Support towers (also known as pylons) which serve to support cables in an EDN are typically constructed as a metal space frame. A system embodying the invention can advantageously use such a tower, or part of such a tower, as a radiating element of the transmitting antenna.



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EUROPEAN SEARCH REPORT

Application Number
EP 99 30 5586

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H01Q H04B H04H H02J
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 5 October 2001	Examiner Willems, B
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	
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			

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