

Title (en)

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

Title (de)

Vorrichtung für die Übertragung von Rundfunkprogrammen, mit einer Antennenvorrichtung die wenigstens teilweise aus dem oberirdischen Teil einer Elektrizitätsverteilereinrichtung besteht

Title (fr)

Système de transmission radiophonique, comportant un système d'antenne d'émission, qui consiste au moins partiellement en la partie aérienne d'un réseau de distribution d'électricité

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Abstract (en)

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. <IMAGE>

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