

Title (en)

Broadcasting assembly comprising a rotatable antenna with dipoles in wire form and rotaty joint for this assembly.

Title (de)

Rundfunkeinrichtung mit einer Drehantenne aus Drahtdipolen und Drehverbindung für diese Einrichtung.

Title (fr)

Ensemble de radiodiffusion comportant une antenne rotative à dipôles filaires et joint rotatif conçu pour cet ensemble.

Publication

EP 0649183 A1 19950419 (FR)

Application

EP 94402276 A 19941011

Priority

FR 9312287 A 19931015

Abstract (en)

The present invention relates to radio broadcasting with the aid of rotatable antennae with wire dipoles. Two separate feed channels (G1, J, G4, Sg, Qg, Khg, Kbg; G2, J, G3, Sd, Qd, KHd, Kbd) start respectively from two transmitters (E1, E2) pass through the joint (J) which separates the fixed part from the moving part of the rotatable antenna, then leave horizontally, on either side of the mast, bearing on the support structure of the rotatable antenna, and then again rise vertically to the feed points of the dipoles of two separate vertical groups of dipoles; it is thus possible to carry out two simultaneous transmissions from the same rotatable antenna. Application to shortwave broadcasting. <IMAGE>

Abstract (fr)

La présente invention concerne la radiodiffusion à l'aide d'antennes rotatives à dipôles filaires. Deux voies d'alimentations distinctes (G1, J, G4, Sg, Qg, Khg, Kbg; G2, J, G3, Sd, Qd, Khd, Kbd) partent respectivement de deux émetteurs (E1, E2), passent à travers le joint (J) qui sépare le support fixe de la partie mobile de l'antenne rotative, puis partent à l'horizontale, de part et d'autre du mât, en appui sur la structure portante de l'antenne rotative pour, ensuite, remonter à la verticale des points d'alimentation des dipôles de deux groupements verticaux distincts des dipôles; il est ainsi possible de réaliser deux émissions simultanées à partir de la même antenne rotative. Application à la radiodiffusion en ondes décamétriques. <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [A] FR 2371785 A2 19780616 - SPINNER GEORG [DE]
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- [A] EISENBERG ET AL.: "ANTENNA-FEEDER DEVICES Antennas for Radio Broadcasting, Radio Communications and Television", TELECOMMUNICATIONS AND RADIO ENGINEERING, vol. 32/33, no. 1, January 1978 (1978-01-01), WASHINGTON US, pages 1 - 11
- [A] TETZNER: "Drehstandantennen für Kurzwellen-Rundfunksender", FUNKSCHAU., no. 6, 1965, MUNCHEN DE, pages 141 - 142, XP001385188

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