

Title (en)
Rotatable curtain antenna system

Title (de)
Drehbares Vorhangantennensystem

Title (fr)
Système d'antenne rideau rotatif

Publication
EP 0613208 B1 19980415 (DE)

Application
EP 94102391 A 19940217

Priority
DE 4305972 A 19930226

Abstract (en)
[origin: EP0613208A1] 2.1 The invention is based on the object of creating a rotatable curtain antenna system which prevents metallic parts of the curtain touching the supporting framework even when the antenna curtain is subject to wind loads, and at the same time keeps the curtain separation constant. 2.2 This object is achieved according to the invention in that the supporting means for bracing of the lower cantilever arms (5) are arranged on the sides outside the clamping surfaces of the dipole curtains (17, 18) and the reflector curtains (19), in that the mounting points for the dipole curtains (17, 18) and for the reflector curtains (19) are arranged in a vertical plane (30-30) on the tower column (1), said vertical plane (30-30) being at right angles to the curtain planes. 2.3 The invention is used in the case of a rotatable curtain antenna system, preferably for emitting high transmission power in the short waveband, having at least one dipole curtain and at least one reflector curtain and having a central tower column which can rotate about its longitudinal axis, has mounting points for the curtains and is provided closely above the ground and at its upper part with in each case two opposite cantilever arms which are braced by supporting means and are used for clamping the dipole curtains and reflector curtains. <IMAGE>

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