Title (en)

DEVICE FOR COUPLING AND ATTACHING A RADIATING ANTENNA ELEMENT AND ANTENNA ASSEMBLY METHOD

Title (de)

EINRICHTUNG ZUM KOPPELN UND ANBRINGEN EINES STRAHLUNGSANTENNENELEMENTS UND ANTENNENZUSAMMENBAUVERFAHREN

Title (fr)

DISPOSITIF DE COUPLAGE ET DE FIXATION D'UN ELEMENT RAYONNANT D'ANTENNE ET PROCEDE D'ASSEMBLAGE D'UNE ANTENNE

Publication

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Application

EP 09795510 A 20091124

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- FR 0857985 A 20081125

Abstract (en)

[origin: WO2010061122A1] The invention relates to a billboard antenna comprising a flat conductive medium comprising at least one opening, at least one radiating element including a leg with a dipole mounted thereupon and a device for coupling and attaching the radiating element on said medium. The device for coupling and attaching the radiating element, including a leg with a dipole mounted thereupon, on the medium comprises a dielectric component including a base that is larger than the opening made in said medium, at least one rod rigidly connected to the base and projecting in a direction perpendicular to the plane of the base through the opening of the medium suitable for the rod to pass therethrough, at least one projection arranged on the end of the rod suitable for engaging with the radiating element to hold said element. The device also includes a dielectric layer arranged between the radiating element and the conductive medium to avoid any direct contact.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2010061122A1

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