

Title (en)
RADIO ANTENNA COMPRISING IMPROVED DECOUPLING ANGLES

Title (de)
FUNKANTENNE MIT VERBESSERTEN ENTKOPPLUNGSWINKELN

Title (fr)
ANTENNE RADIOELECTRIQUE A CORNIERES DE DECOUPLAGE AMELIOREES

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Application
EP 10712947 A 20100402

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Abstract (en)
[origin: WO2010112601A1] The invention relates to a radio antenna, especially for a spacecraft, comprising a reflector (20) and means for supporting said reflector. The reflector (5) comprises a shell (22) for reflecting the radio waves, and a rigid rear structure (28) carried by the supporting means and connected to the shell (22) by decoupling angles (24). Said antenna is characterised in that each decoupling angle (24) comprises, on at least one of its ends, a layer of plastic material (38) that can absorb at least one axial vibration component of the shell (22).

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