

Title (en)  
REFLECTOR ARRAY ANTENNA WITH CROSSED POLARIZATION COMPENSATION AND METHOD FOR PRODUCING SUCH AN ANTENNA

Title (de)  
REFLEKTORGRUPPENANTENNE MIT KREUZPOLARISATIONSKOMPENSATION UND VERFAHREN ZUR HERSTELLUNG EINER DERARTIGEN ANTENNE

Title (fr)  
ANTENNE RÉSEAU RÉFLECTEUR À COMPENSATION DE POLARISATION CROISÉE ET PROCÉDÉ DE RÉALISATION D'UNE TELLE ANTENNE

Publication  
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Application  
**EP 11702668 A 20110211**

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Abstract (en)  
[origin: WO2011113650A2] The invention relates to a reflector array antenna with crossed polarization compensation comprising at least one radiating member (20) having an engraved pattern that is dissymmetrical relative to at least one direction X and/or Y of the plane XY of the radiating member, the dissymmetry of the pattern of the radiating member being calculated individually from a radiating member having the same symmetrical pattern in the two directions X and Y so as to generate a reflected wave having a controlled depolarization opposite to a depolarization generated in a plane normal to a propagation direction by the reflector array (11) illuminated by a primary source (13).

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