

Title (en)

DUAL-POLARISED ANTENNA ARRAY, IN PARTICULAR A MOBILE RADIO ANTENNA

Title (de)

DUALPOLARISIERTE GRUPPENANTENNE, INSBESONDERE MOBILFUNKANTENNE

Title (fr)

ANTENNE EN RÉSEAU À DOUBLE POLARISATION, NOTAMMENT ANTENNE DE TÉLÉPHONIE MOBILE

Publication

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Application

**EP 10784987 A 20101125**

Priority

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Abstract (en)

[origin: WO2011072798A2] The invention relates to a dual-polarised antenna array, in particular a mobile radio antenna, having the following features: at least one first, at least one second and at least one third radiator unit (103a, 103b, 3) are provided, wherein the at least one second radiator unit (3) irradiates in both polarisation planes (P1, P2), the at least one first radiator unit (103a) irradiates only in one polarisation plane (P1 or P2), the at least one third radiator unit (103b) irradiates in a polarisation plane (P2 or P1) that is oriented perpendicular to the polarisation plane (P1 or P2) in which the at least one first radiator unit (103a) irradiates, and one first and one third radiator unit (103a, 103b) or a plurality of first and a plurality of third radiator units (103a, 103b) are provided, wherein the number of first radiator units (103a) corresponds to the number of third radiator units (103b).

IPC 8 full level

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Citation (search report)

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Cited by

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Designated contracting state (EPC)

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