Title (en)

DUAL-POLARIZED ANTENNA

Title (de)

DUAL POLARISIERTE ANTENNE

Title (fr)

ANTENNE À DOUBLE POLARISATION

Publication

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Application

EP 17704662 A 20170203

Priority

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Abstract (en)

[origin: WO2017133849A1] The invention relates to a dual-polarized antenna comprising a dipole radiator (1), a resonant cavity radiator (2) and a reflector (3). The invention is characterized in that the resonant cavity radiator (2) is arranged below the reflector (3) and radiates through a slot (4) in the reflector, and in that the dipole radiator (1) is arranged above the reflector (3); a signal line (5) and/or a support (19) of the dipole radiator (1) extend/s through the slot (4).

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

- EP 2256864 A1 20101201 - DELPHI DELCO ELECT EUROPE GMBH [DE]
- US 2990547 A 19610627 - MCDOUGAL JAMES R
- MULLER D J ET AL: "A cavity-backed thin combined slot-dipole antenna for mobile reception of satellite signals in automotive applications", ANTENNAS AND PROPAGATION SOCIETY INTERNATIONAL SYMPOSIUM, 2009. APSURSI '09. IEEE, IEEE, PISCATAWAY, NJ, USA, 1 June 2009 (2009-06-01), pages 1 - 4, XP031536362, ISBN: 978-1-4244-3647-7

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DOCDB simple family (publication)

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DOCDB simple family (application)

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