

Title (en)

Antenna for circular polarisation with a conductive base

Title (de)

Antenne für zirkulare Polarisation mit einer leitenden Grundfläche

Title (fr)

Antenne destinée à la polarisation circulaire et dotée d'une surface de base conductrice

Publication

EP 2256864 B1 20170809 (DE)

Application

EP 10005480 A 20100527

Priority

DE 102009023514 A 20090530

Abstract (en)

[origin: EP2256864A1] The antenna has a slot radiators provided with a longitudinal extension unit along a sectional line between a symmetric level and an electrical conducting base surface (2) with a slot radiator-connection location (7). The slot radiators and an electrical dipole radiator are connected with a dipole-feeder line (6) via a distributor network (13) with an antenna-connection point (12) according to the quantity and phase in a manner such that circular polarization is enabled in a distant field at a frequency, on which the slot and dipole radiators are coordinated with each other.

IPC 8 full level

H01Q 9/28 (2006.01); **H01Q 13/10** (2006.01); **H01Q 21/24** (2006.01)

CPC (source: EP US)

H01Q 9/28 (2013.01 - EP US); **H01Q 13/10** (2013.01 - EP US); **H01Q 21/24** (2013.01 - EP US)

Citation (examination)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

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