

Title (en)
DIPOLE-SHAPED RADIATOR ARRANGEMENT

Title (de)
DIPOLFÖRMIGE STRAHLERANORDNUNG

Title (fr)
disposition d'une antenne en dipôle

Publication
EP 2054969 A1 20090506 (DE)

Application
EP 07786533 A 20070802

Priority
• EP 2007006863 W 20070802
• DE 102006039279 A 20060822

Abstract (en)
[origin: WO2008022703A1] An improved dipole-shaped radiator arrangement is characterized by the following features: a base (7) is disconnected from ground or a ground surface (5) with respect to direct current, or is capacitively coupled to a ground surface (5); a first dipole or radiator half (1a, 1'a) is electro-galvanically or capacitively fed by a conductor; a second dipole or radiator half (1b, 1'b) is fed via a further feed line in the form of an inner conductor feed; the one end (19') of the first inner conductor section (13a) is electrically connected to a matching network (37); the other end (19') of the third inner conductor section (13c) is connected to ground (5) or to the ground surface (5) with respect to direct current.

IPC 8 full level
H01Q 1/24 (2006.01); **H01Q 21/26** (2006.01)

CPC (source: EP US)
H01Q 1/246 (2013.01 - EP US); **H01Q 21/26** (2013.01 - EP US)

Citation (search report)
See references of WO 2008022703A1

Citation (examination)
• WO 2004030150 A1 20040408 - BOSCH GMBH ROBERT [DE], et al
• EP 1168492 A1 20020102 - TOKO INC [JP]
• DE 10244206 A1 20040325 - BOSCH GMBH ROBERT [DE]

Cited by
US8430588B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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