

Title (en)

ANTENNA STRUCTURE WITH IMPROVED SIGNAL/NOISE RATIO

Title (de)

ANTENNENANORDNUNG MIT VERBESSERTEM SIGNAL/RAUSCHVERHÄLTNIS

Title (fr)

STRUCTURE D'ANTENNE AVEC RAPPORT SIGNAL/BRUIT AMÉLIORÉ

Publication

EP 2580807 A2 20130417 (DE)

Application

EP 11733603 A 20110614

Priority

- EP 10165892 A 20100614
- EP 2011059807 W 20110614
- EP 11733603 A 20110614

Abstract (en)

[origin: EP2400591A1] The arrangement (100) has a coupling electrode (36, 36') electrically coupled to a conductive coating (6) for extracting interfering signals of interference sources (39, 39') from a flat top antenna. The electrode comprises coupling surfaces (40, 40'), and a conductive structure comprises another coupling surface that is capacitively coupled to the former coupling surfaces. The coupling surfaces are designed such that the coupling surfaces selectively allow transmission of a frequency range that corresponds to the interfering signals to be extracted from the flat top antenna. An independent claim is also included for a method for operating an antenna arrangement.

IPC 8 full level

H01Q 1/12 (2006.01); **H01Q 1/44** (2006.01); **H01Q 1/48** (2006.01); **H01Q 1/50** (2006.01)

CPC (source: EP KR US)

H01Q 1/1285 (2013.01 - EP US); **H01Q 1/24** (2013.01 - KR); **H01Q 1/27** (2013.01 - US); **H01Q 1/38** (2013.01 - KR);
H01Q 1/44 (2013.01 - EP US); **H01Q 1/48** (2013.01 - EP KR US); **H01Q 1/50** (2013.01 - EP US)

Citation (search report)

See references of WO 2011157689A2

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 RS SE SI SK SM TR

DOCDB simple family (publication)

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