

Title (en)

ANTENNA APPARATUS FOR TRANSMITTING AND RECEIVING ELECTROMAGNETIC SIGNALS

Title (de)

ANTENNENVORRICHTUNG ZUM SENDEN UND EMPFANGEN VON ELEKTROMAGNETISCHEN SIGNALEN

Title (fr)

DISPOSITIF D'ANTENNE POUR ÉMETTRE ET RECEVOIR DES SIGNAUX ÉLECTROMAGNÉTIQUES

Publication

EP 2135324 A1 20091223 (DE)

Application

EP 08707217 A 20080123

Priority

- EP 2008000504 W 20080123
- DE 102007004612 A 20070130

Abstract (en)

[origin: WO2008092592A1] An antenna apparatus (100) for transmitting and receiving electromagnetic signals. The antenna apparatus (100) comprises a ground plane (110) and an antenna element (120), which is arranged at an antenna-element spacing (150) above the ground plane (110). In addition, the antenna apparatus (100) comprises a plurality of parasitic elements (130), which are arranged on the ground plane (110) radially symmetrically around the antenna element (120), wherein the parasitic elements (130) are electrically connected to the ground plane (110).

IPC 8 full level

H01Q 9/04 (2006.01)

CPC (source: EP US)

H01Q 9/0407 (2013.01 - EP US); **H01Q 9/045** (2013.01 - EP US); **Y10T 29/49016** (2015.01 - US)

Citation (search report)

See references of WO 2008092592A1

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DOCDB simple family (publication)

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