

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 B1 20140312 (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)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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