

Title (en)

ANTENNA ARRANGEMENT, IN PARTICULAR FOR A MOBILE RADIO BASE STATION

Title (de)

ANTENNENANORDNUNG, INSBESONDERE FÜR EINE MOBILFUNK-BASISSTATION

Title (fr)

INSTALLATION D'ANTENNE, EN PARTICULIER POUR UNE STATION DE BASE DE RADIOCOMMUNICATION MOBILE

Publication

**EP 2050164 A1 20090422 (DE)**

Application

**EP 07765255 A 20070726**

Priority

- EP 2007006638 W 20070726
- DE 102006037518 A 20060810

Abstract (en)

[origin: WO2008017386A1] An improved antenna arrangement is distinguished by the following features: - the reflector arrangement has a printed circuit board (5) with an electrically conductive ground plane (7), the reflector arrangement also has a reflector frame (11) with a coupling surface (13), the coupling surface (13) is capacitively coupled to the ground plane (7), the coupling surface (13) has a recess (13a) via which the ground plane (7), which is located underneath it, and/or the printed circuit board (5) or an isolating intermediate layer which is provided above the ground plane (7) or an isolating intermediate layer which is provided above the printed circuit board (5) is exposed, and the at least one antenna element arrangement (3) is positioned and/or held on the printed circuit board (5) in the area of the recess (13a).

IPC 8 full level

**H01Q 19/10** (2006.01); **H01Q 1/24** (2006.01); **H01Q 21/06** (2006.01); **H01Q 21/26** (2006.01)

CPC (source: EP US)

**H01Q 1/246** (2013.01 - EP US); **H01Q 19/108** (2013.01 - EP US); **H01Q 21/062** (2013.01 - EP US); **H01Q 21/26** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)

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