

Title (en)  
TUNABLE ANTENNA HAVING A PLANAR DESIGN

Title (de)  
ABSTIMMBARE ANTENNE PLANARER BAUART

Title (fr)  
ANTENNE ACCORDABLE DE CONSTRUCTION PLANE

Publication  
**EP 2052437 A1 20090429 (DE)**

Application  
**EP 07786204 A 20070719**

Priority  
• EP 2007006445 W 20070719  
• DE 102006038528 A 20060817

Abstract (en)  
[origin: DE102006038528B3] The antenna has a carrying device holding an electrically conductive structure in a margin to an electrically conductive radiant surface (7). The conductive structure is galvanically or capacitively or serially connected with an electrically conductive measuring surface (3) or a chassis by interconnecting electrical components (125) e.g. surface mount device component. The radiant surface completely or partially covers the conductive structure in a plan view perpendicular to the radiant surface. A dielectric carrier (5) is arranged between the measuring surface and the radiant surface.

IPC 8 full level  
**H01Q 9/04** (2006.01); **H01Q 19/00** (2006.01)

CPC (source: EP KR US)  
**H01Q 5/00** (2013.01 - KR); **H01Q 9/04** (2013.01 - KR); **H01Q 9/0414** (2013.01 - EP US); **H01Q 9/0442** (2013.01 - EP US);  
**H01Q 9/0457** (2013.01 - EP US); **H01Q 13/08** (2013.01 - KR); **H01Q 19/00** (2013.01 - KR); **H01Q 19/005** (2013.01 - EP US)

Citation (search report)  
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AL BA HR MK RS

DOCDB simple family (publication)  
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CN 101507049 A 20090812; CN 101507049 B 20130116; EP 2052437 A1 20090429; JP 2010501129 A 20100114; KR 101222314 B1 20130115;  
KR 20090045912 A 20090508; RU 2009109406 A 20100927; RU 2449434 C2 20120427; US 2008042915 A1 20080221;  
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