

Title (en)

MOBILE RADIO ANTENNA WITH BEAM-FORMING ELEMENT

Title (de)

MOBILFUNKANTENNE MIT STRAHLFORMUNGSELEMENT

Title (fr)

ANTENNE DE RADIOTELEPHONIE MOBILE A ELEMENT DE FORMATION DE FAISCEAU

Publication

**EP 1749331 B1 20080130 (DE)**

Application

**EP 05745719 A 20050519**

Priority

- EP 2005005456 W 20050519
- DE 102004025904 A 20040527

Abstract (en)

[origin: US2005264463A1] An improved antenna arrangement is distinguished by the following features: the passive and electrically conductive element comprises a beamforming element ( 25 ), the at least one beamforming element ( 25 ) that is provided is subdivided into at least two sections, specifically a mounting section ( 25 a) and an operating section ( 25 b), which is connected to the area of the mounting section ( 25 a) located further away from the reflector ( 1 ).

IPC 8 full level

**H01Q 1/24** (2006.01); **H01Q 3/26** (2006.01); **H01Q 19/10** (2006.01)

CPC (source: EP US)

**H01Q 1/246** (2013.01 - EP US); **H01Q 5/42** (2015.01 - EP US); **H01Q 21/24** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2005264463 A1 20051201**; **US 7075498 B2 20060711**; AT E385348 T1 20080215; CN 1702913 A 20051130; CN 1702913 B 20101201; DE 102004025904 A1 20051222; DE 102004025904 B4 20070405; DE 502005002729 D1 20080320; EP 1749331 A1 20070207; EP 1749331 B1 20080130; ES 2300022 T3 20080601; WO 2005119835 A1 20051215

DOCDB simple family (application)

**US 92129204 A 20040819**; AT 05745719 T 20050519; CN 200410076812 A 20040907; DE 102004025904 A 20040527; DE 502005002729 T 20050519; EP 05745719 A 20050519; EP 2005005456 W 20050519; ES 05745719 T 20050519