

Title (en)  
MULTIFUNCTIONAL ANTENNA

Title (de)  
MULTIFUNKTIONSENTENNE

Title (fr)  
ANTENNE MULTIFONCTIONNELLE

Publication  
**EP 1616367 A1 20060118 (DE)**

Application  
**EP 04740276 A 20040624**

Priority  
• EP 2004006863 W 20040624  
• DE 10330087 A 20030703

Abstract (en)  
[origin: WO2005004280A1] Disclosed is an improved antenna which is characterized by the following features: the antenna array comprises at least four antennas (A, B, C, D); one antenna (C) receives satellite signals, especially digital satellite signals; one antenna (A) receives terrestrial signals, particularly terrestrially transmitted radio programs; one antenna (D) is provided for the mobile radio sector; one antenna determines the geoposition; and the at least four antennas (A, B, C, D) are disposed in a given order such that antenna (A), antenna (B), antenna (C), and antenna (D) are located one behind another from one end of the chassis (1).

IPC 1-7  
**H01Q 1/32**; **H01Q 21/30**

IPC 8 full level  
**H01Q 1/24** (2006.01); **H01Q 1/42** (2006.01); **H01Q 21/28** (2006.01)

CPC (source: EP US)  
**H01Q 1/3275** (2013.01 - EP US); **H01Q 1/42** (2013.01 - EP US); **H01Q 21/28** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005004280A1

Cited by  
DE102012009846A1; DE102008048289B3; DE102008019366B3; DE102011122039B3; DE102012009846B4; WO2010031459A1; WO2009127318A1; US7936306B2; US7710331B2; WO2013091785A1; US9966669B2; WO2013170922A1; US9979092B2

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DOCDB simple family (publication)  
**WO 2005004280 A1 20050113**; AT E352108 T1 20070215; DE 10330087 B3 20050120; DE 502004002682 D1 20070308; EP 1616367 A1 20060118; EP 1616367 B1 20070117; ES 2279388 T3 20070816; JP 2009514253 A 20090402; JP 4260186 B2 20090430; US 2005219131 A1 20051006; US 7034758 B2 20060425

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