

Title (en)

A UHF antenna for digital video broadcasting

Title (de)

UHF Antenne für digitalen Videorundfunk

Title (fr)

Antenne UHF pour système de diffusion de vidéo numérique

Publication

**EP 1732164 A1 20061213 (EN)**

Application

**EP 05012530 A 20050610**

Priority

EP 05012530 A 20050610

Abstract (en)

The present invention relates to a UHF antenna for use in a digital video broadcasting terrestrial system (DVB-T system) comprising a loop antenna element (2), and a U-shaped monopole antenna element (3) coupled to the loop antenna element and arranged inside the loop antenna element (2). The loop antenna element (2) is designed for a resonance frequency of about 500 MHz, and the U-shaped monopole antenna element (3) is designed for a frequency band of about 850 MHz.

IPC 8 full level

**H01Q 7/00** (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/371** (2015.01); **H01Q 9/42** (2006.01); **H01Q 21/30** (2006.01)

CPC (source: EP)

**H01Q 5/371** (2015.01); **H01Q 7/00** (2013.01); **H01Q 9/42** (2013.01); **H01Q 21/30** (2013.01)

Citation (search report)

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KR100767219B1; CN104515936A; WO2010093308A1

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