

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

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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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