

Title (en)

Dual-band digital audio broadcasting antenna

Title (de)

Doppelbandantenne für den digitalen Tonrundfunk

Title (fr)

Antenne double bande pour la radiodiffusion audio numérique

Publication

EP 1732160 A1 20061213 (EN)

Application

EP 05012531 A 20050610

Priority

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Abstract (en)

The present invention relates to a dual-band digital audio broadcasting antenna comprising a first meandered monopole antenna element (1) designed for a frequency band from about 174 MHz to about 240 MHz (Band III frequency band), and a second monopole antenna element (2) designed for a frequency band from about 1452 MHz to about 1492 MHz (L-Band frequency band), which are formed by thin metal traces provided on the top surface of a carrier (5). The electrical length of the first meandered antenna element (1) is equivalent to quarter of wavelength of the Band III frequency band, and the electrical length of the second monopole antenna element (2) is equivalent to quarter of wavelength of the L-Band frequency band.

IPC 8 full level

H01Q 1/12 (2006.01)

CPC (source: EP)

H01Q 1/1271 (2013.01)

Citation (search report)

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