

Title (en)
Dual-band antenna for DVB-T reception

Title (de)
Zweibandantenne für den DVB-T-Empfang

Title (fr)
Antenne à double bande pour reception en DVB-T

Publication
EP 1515393 B1 20071003 (DE)

Application
EP 04020578 A 20040831

Priority
DE 10341964 A 20030911

Abstract (en)
[origin: EP1515393A1] A UHF range antenna comprises a planar surface (2) connected to the inner conductor of a coaxial antenna feed cable and a grounded part (3) connected to its outer screen. Two trap devices (7, 8), one adjacent the antenna and the other a specific distance along the feeder towards a receiver (6) isolate the coaxial cable screen so that it acts as an antenna in the VHF range. The received VHF signals are coupled to the inner conductor of the cable at the receiver end.

IPC 8 full level
H01Q 1/52 (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/328** (2015.01); **H01Q 5/335** (2015.01); **H01Q 5/40** (2015.01); **H01Q 21/30** (2006.01)

CPC (source: EP)
H01Q 1/46 (2013.01); **H01Q 1/52** (2013.01); **H01Q 5/328** (2015.01); **H01Q 5/335** (2013.01); **H01Q 5/40** (2015.01); **H01Q 21/30** (2013.01)

Cited by
EP2434579A4; US8780011B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1515393 A1 20050316; **EP 1515393 B1 20071003**; AT E375014 T1 20071015; DE 10341964 A1 20050512; DE 502004005117 D1 20071115; ES 2290597 T3 20080216

DOCDB simple family (application)
EP 04020578 A 20040831; AT 04020578 T 20040831; DE 10341964 A 20030911; DE 502004005117 T 20040831; ES 04020578 T 20040831