

Title (en)
BROADBAND ANTENNA, IN PARTICULAR OMNIDIRECTIONAL ANTENNA

Title (de)
BREITBANDIGE ANTENNE, INSBESONDERE OMNIDIREKTIONALE ANTENNE

Title (fr)
ANTENNE A LARGE BANDE, NOTAMMENT ANTENNE OMNIDIRECTIONNELLE

Publication
EP 1695416 B1 20080604 (DE)

Application
EP 04790981 A 20041028

Priority
• EP 2004012211 W 20041028
• DE 10359605 A 20031218

Abstract (en)
[origin: WO2005060048A1] The invention relates to a broadband antenna, in particular an omnidirectional antenna with the following characteristics: the emitter (15) projects upwards from a base plate or counterweight surface (1); said emitter (15) has a jacket surface extending away from the base plate (1); the base plate (1) is equipped with a cavity (3), in the vicinity of which the foot point (19) of the monopole emitter (15) is electro-galvanically separated from the base plate or the counterweight surface (1); and the emitter (15) is supplied with energy by means of a serial or capacitive inner conductor line coupling.

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H01Q 5/50 (2015.01 - KR); **H01Q 9/40** (2013.01 - EP KR); **H01Q 21/205** (2013.01 - KR); **H01Q 21/29** (2013.01 - KR)

Citation (examination)
GB 580812 A 19460920 - STANDARD TELEPHONES CABLES LTD, et al

Cited by
DE102013012308A1; DE102010011867A1; CN108123206A; DE102010011867B4; WO2011113542A1; US8994601B2; WO2015010761A1; US9748666B2

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