

Title (en)

TRANSMIT-RECEIVE ANTENNA, ESPECIALLY FOR SHORT AND MEDIUM WAVES

Publication

EP 0225460 A3 19870930 (DE)

Application

EP 86114804 A 19861024

Priority

DE 3539733 A 19851108

Abstract (en)

[origin: EP0225460A2] The antenna consists of a vertical section (10) of conductor with capacitive coupling to earth in the upper part (13) and of at least one further section (12, 22) of conductor, the sections (10, 12, 22) of conductor forming an open frame surrounding an area (9) and the connection of the second section (12) of conductor and any further sections (22) of conductor to the previous section (10, 12) of conductor in each case is carried out so that a free end piece (13, 23) of this previous section of conductor is formed, the free end piece(s) (13, 23) forming the capacitive coupling or additional capacitive couplings. The arrangement is such that in each case only one section (12, 22) of conductor projects from the first (10) or from each further section (12) of conductor. The antenna has a number of advantages, it is inter alia very wide-band, tunable and has a high efficiency and radiation resistance. <IMAGE>

IPC 1-7

H01Q 1/34; **H01Q 9/44**; **H01Q 5/00**

IPC 8 full level

H01Q 1/34 (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/371** (2015.01); **H01Q 9/44** (2006.01)

CPC (source: EP)

H01Q 1/34 (2013.01); **H01Q 5/371** (2015.01); **H01Q 9/36** (2013.01); **H01Q 9/44** (2013.01)

Citation (search report)

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