

Title (en)

Wide band radio antenna with weak stationary wave rating.

Title (de)

Breitbandige Funkantenne mit kleinem Stehwellenverhältnis.

Title (fr)

Antenne radio électrique à très large bande et à faible taux d'onde stationnaire.

Publication

EP 0492022 B1 19950125 (FR)

Application

EP 90403773 A 19901226

Priority

- CA 2033621 A 19910104
- FR 8806899 A 19880516

Abstract (en)

[origin: FR2650441A1] The invention relates to a radio antenna with very wide band and low ratio of voltage amplitudes. It is characterized in that it comprises at least two linear elements which, in combination, on the one hand, are substantially of identical length L and make, with the midline 42 of the antenna, a predetermined angle A whose vertex is, when the angle A differs from 0 DEG , a point P close to those so-called bases 40 of their ends 40, 41, namely those which are connected electrically to the transmission line 2, and on the other hand, each include: - at least one electrically resistant means 5 interposed between two predetermined fractions of each element and; - at least one electrically inductive means 6 interposed substantially between the base 40 of each element and the transmission line 2, these inductive means 6 having chosen inductance values which differ from one linear element to another. Application to the electrical transmission equipment industry. <IMAGE>

IPC 1-7

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

IPC 8 full level

H01Q 5/00 (2006.01); **H01Q 5/335** (2015.01); **H01Q 9/44** (2006.01)

CPC (source: EP)

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Cited by

EP0825675A3; ES2534951A1; GB2392783A; GB2392783B; US6570544B2; WO02091519A1; WO2013026943A1; WO2016128599A1; EP3972053A4

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