

Title (en)

Antenna with an electrically shortened linear radiator.

Title (de)

Antenne mit elektrisch verkürztem Linearstrahler.

Title (fr)

Antenne avec émetteur linéaire écourté électriquement.

Publication

EP 0124758 A1 19841114 (DE)

Application

EP 84103590 A 19840331

Priority

DE 3312638 A 19830408

Abstract (en)

1. An antenna the slim linear radiators of which are electrically shortened by at least one impedance element which is effective at a predetermined location in longitudinal direction, characterised in that said impedance element is constituted by a ferrite ring (3 to 6) mounted on the linear radiator (1, 2), said ferrite ring being made of a material which has its maximum variation of the imaginary component (μ'') of its complex permeability at the operating frequency range of the antenna.

Abstract (de)

Um bei einer Antenne den schlanken Linearstrahler (1, 2) elektrisch zu verkürzen, wird in Längsrichtung des Strahlers an einer vorbestimmten Stelle mindestens ein Ferritring (3-6) angebracht.

IPC 1-7

H01Q 9/16

IPC 8 full level

H01Q 9/16 (2006.01)

CPC (source: EP)

H01Q 9/16 (2013.01)

Citation (search report)

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