

Title (en)
BROADBAND WIRE ANTENNA WITH RESISTIVE PATTERNS HAVING VARIABLE RESISTANCE

Title (de)
BREITBANDDRAHTANTENNE MIT WIDERSTANDSMUSTERN MIT VARIABLEM WIDERSTAND

Title (fr)
ANTENNE FILAIRE LARGE BANDE A MOTIFS RESISTIFS AVEC RESISTANCE VARIABLE

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Application
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Abstract (en)
[origin: WO2017212047A1] The invention relates to a wire antenna capable of operating in at least one predetermined band of frequencies, comprising a plurality of superposed layers, comprising at least one radiating element (4) placed on a support layer (6), said support layer (6) being placed on a spacer substrate (8), said spacer substrate (8) being placed on a reflecting plane (10), comprising at least one resistive layer (12) between the support layer of the radiating elements and the spacer substrate, the resistive layer (12) comprising at least two sets (12a, 12b, 12c) of nested resistive patterns. This antenna is such that the sets (12a, 12b, 12c) of resistive patterns have resistance values that vary progressively between a central point of the antenna and an outer rim of the antenna, in such a way as to produce a resistance gradient.

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