

Title (en)
HIGH IMPEDANCE TYPE HIGH FREQUENCY ANTENNA

Title (de)
HOCHFREQUENZANTENNE MIT HOHER IMPEDANZ

Title (fr)
ANTENNE HAUTE FREQUENCE DE TYPE A IMPEDANCE ELEVEE

Publication
EP 0981840 A1 20000301 (EN)

Application
EP 97925312 A 19970527

Priority
• KR 9700096 W 19970527
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Abstract (en)
[origin: WO9848478A1] A high impedance type high frequency antenna by which the antenna is not influenced by an external factor when a human body or the like approaches the antenna by enabling a high impedance by decreasing a reactance component and increasing a resistance component, whereby it is possible to fabricate a compact size product. The antenna includes an RF module having an input and output capacity of 50 OMEGA , and a matching circuit connected between the antenna and the RF module for outputting 50 OMEGA of an impedance and having a smith chart at a 1/4 lambda helical portion so that a 1/2 lambda monopole antenna is matched with a 50 OMEGA RF module.

IPC 1-7
H01Q 9/30; **H04B 1/18**

IPC 8 full level
H01Q 1/24 (2006.01); **H01Q 9/30** (2006.01); **H04B 1/18** (2006.01)

CPC (source: EP)
H01Q 1/242 (2013.01); **H01Q 9/30** (2013.01); **H04B 1/18** (2013.01)

Citation (search report)
See references of WO 9848478A1

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DE ES FR GB IT NL SE

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