Title (en)

DIRECTIONAL ANTENNA WITH ELECTROMAGNETIC INTERFERENCE SUPPRESSOR

Title (de)

RICHTANTENNE MIT ELEKTROMAGNETISCHER STOERUNTERDRUECKUNG

Title (fr)

ANTENNE DIRECTIONNELLE A SUPPRESSEUR D'INTERFERENCES ELECTROMAGNETIQUES

Publication

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Application

EP 99973945 A 19990629

Priority

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- JP 1387798 A 19980127

Abstract (en)

An antenna has an electromagnetic interference suppressor (3) which comprises a composite magnetic member containing soft magnetic powder having an oxide film layer and which covers a part of the periphery of the antenna. It is preferable that the electromagnetic interference suppressor covers one side or a half of the periphery of the antenna. The antenna may comprise a first antenna portion (10) slidably held by a housing of a radio apparatus, and a second antenna portion (20) connected to one end of the first antenna portion. In this case, the electromagnetic interference suppressor is arranged in at least one of the first and the second antenna portions. The first antenna portion is slidably held by a holder portion (4) fixedly attached to the housing of the radio apparatus. A stopper portion (5) is fixedly attached to one end of the first antenna portion to serve as a feeding portion for the first antenna portion when the antenna is pulled out. The second antenna portion is connected to the other end of the first antenna portion through a sleeve portion (6). <IMAGE>

IPC 1-7

H01Q 17/00; H01Q 9/30; H01Q 1/10; H01Q 1/24; H01Q 1/36

IPC 8 full level

H01Q 1/10 (2006.01); **H01Q 1/24** (2006.01); **H01Q 1/36** (2006.01); **H01Q 9/30** (2006.01); **H01Q 11/08** (2006.01); **H01Q 17/00** (2006.01)

CPC (source: EP)

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