

Title (en)
Coil Antenna

Title (de)
Spulenantenne

Title (fr)
Antenne bobinée

Publication
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Application
EP 04023835 A 20041006

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Abstract (en)
A coil antenna is disclosed comprising a magnetic core and a wire wound around the magnetic core. The magnetic core is made of a mixture comprising soft magnetic powder and an organic binder agent. The magnetic core has a specific complex permeability whose real part μ' is 20 or more over a frequency range of 10 MHz or less and whose imaginary part μ'' is 10 or more over a frequency range of 10MHz or more so that the magnetic core is also servable as a noise suppressor against high-frequency noise.

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H01Q 7/08; **H01Q 1/00**

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CPC (source: EP)
H01Q 1/273 (2013.01); **H01Q 7/08** (2013.01)

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