

Title (en)

Antenna with an assembly of filtering material

Title (de)

Antenne mit einer Filtermaterialanordnung

Title (fr)

Antenne pourvue d'un assemblage de matériaux filtrant

Publication

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Application

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Abstract (en)

[origin: WO0137373A1] The invention concerns an antenna comprising a probe capable of transforming electrical energy into electromagnetic energy and inversely. It further comprises an assembly of elements made of at least two materials different in permittivity and/or permeability and/or conductivity within which said probe is arranged, the arrangement of the elements in said assembly ensuring radiation and spatial and frequency filtering of the electromagnetic waves produced or received by said probe, which filtering allows in particular one or several operating frequencies (f) of the antenna inside a frequency band gap (B).

IPC 8 full level

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