

Title (en)
Dielectric antenna

Title (de)
Dielektrische Antenne

Title (fr)
Antenne diélectrique

Publication
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Application
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Abstract (en)
[origin: EP2262059A2] The dielectric antenna (1) has transition section (3) with dielectric rod and dielectric tube connected to transition section (4) for emitting electromagnetic radiation as airborne waves. A transition section (4) forms a dielectric horn. A dielectric feeding section (2) is adapted to strike with electromagnetic radiation. The electromagnetic radiation is guidable by the transition sections (3,4). The dielectric tube has wall thickness of about 5% of outer diameter of dielectric tube.

IPC 8 full level
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