

Title (en)
Dielectric antenna

Title (de)
Dielektrische Antenne

Title (fr)
Antenne diélectrique

Publication
EP 2262059 A3 20110330 (DE)

Application
EP 10004964 A 20100511

Priority
DE 102009022511 A 20090525

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
H01Q 13/02 (2006.01); **H01Q 1/22** (2006.01); **H01Q 13/24** (2006.01); **H01Q 19/08** (2006.01)

CPC (source: EP US)
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Citation (search report)

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BA ME RS

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