

Title (en)
Space-filling miniature antennas

Title (de)
raumfüllende miniaturantennen

Title (fr)
antennes miniatures de remplissage d'espace

Publication
EP 1724874 A2 20061122 (EN)

Application
EP 06120498 A 20000119

Priority
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• EP 00909089 A 20000119

Abstract (en)
A novel geometry, the geometry of Space-Filling Curves (SFC) is defined in the present invention and it is used to shape a part of an antenna. By means of this novel technique, the size of the antenna can be reduced with respect to prior art, or alternatively, given a fixed size the antenna can operate at a lower frequency with respect to a conventional antenna of the same size.

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Citation (applicant)
R.C.HANSEN: "Fundamental Limitations on Antennas", PROC.IEEE, vol. 69, no. 2, February 1981 (1981-02-01)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 06007350 A 20000119; EP 06120498 A 20000119; EP 10180798 A 20000119