

Title (en)
THREE-DIMENSIONAL ANTENNA

Title (de)
DREIDIMENSIONALE ANTENNE

Title (fr)
ANTENNE TRIDIMENSIONNELLE

Publication
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Application
EP 13798246 A 20131111

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Abstract (en)
[origin: WO2014072075A1] Three-dimensional antenna comprising: at least one core (10), three windings (21, 22, 23) arranged around three orthogonal axes of said core which is at least one, and a base, having the core a second platings (50) formed onto its lower faces and connected to said windings, being said core arranged on top of the base, wherein said base is a printed circuit board (30) comprising a series of first platings an upper portions (41) disposed on the upper face of the PCB (30), and a side portions (42) which extends through the side faces of the PCB, and being connected to the upper portions through a printed circuit (43). The present invention provides a three-dimensional antenna that operates over a wide frequency range. The antenna has a higher connections strength and is compatible with automated optical inspection systems.

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