

Title (en)  
OMNIDIRECTIONAL WIDEBAND ANTENNA STRUCTURE

Title (de)  
OMNIDIREKTIONALE BREITBANDANTENNENSTRUKTUR

Title (fr)  
STRUCTURE ANTENNAIRE OMNIDIRECTIONNELLE LARGE BANDE

Publication  
**EP 3266064 A1 20180110 (FR)**

Application  
**EP 16709999 A 20160222**

Priority

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- FR 2016050403 W 20160222

Abstract (en)  
[origin: WO2016139403A1] The invention relates to a wide frequency band antenna structure (10), having polarisation in a favoured direction, termed vertical, suitable for transmission and/or reception of signals of wavelengths between a minimum wavelength and a maximum wavelength. The antenna structure comprises a ground plane (1), extending in a plane perpendicular to said vertical direction, termed the horizontal plane, and a radiating structure comprising a first metallic strip (21) and a second metallic strip (22), arranged vertically and substantially parallel to one another, the second metallic strip (22) being connected to the ground plane (1) and substantially perpendicular to the ground plane (1), and a radiating loop, comprising a plurality of radiating strips, a first end of the loop being connected to the first metallic strip (21) and a second end of the loop being connected to the second metallic strip (22).

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