

Title (en)  
BROADBAND OMNIDIRECTIONAL ANTENNA

Title (de)  
BREITBANDIGE OMNIDIREKTIONALE ANTENNE

Title (fr)  
ANTENNE OMNIDIRECTIONNELLE À LARGE BANDE

Publication  
**EP 2548262 B1 20170510 (DE)**

Application  
**EP 11708004 A 20110309**

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Abstract (en)  
[origin: WO2011113542A1] An improved broadband omnidirectional antenna is distinguished by the following features: - the omnidirectional antenna is in the form of a dual-polarized antenna, - the dual-polarized antenna comprises a horizontally polarized radiating element (3) in addition to the vertically polarized radiating element (1; 1a, 1b) which is in the form of a monopole, - the horizontally polarized radiating element (3) comprises slots (43, 43') which are provided offset in the circumferential direction in the casing (11a) of the vertically polarized radiating element (1; 1a, 1b) which is in the form of a monopole, a feed device (111) for the horizontally polarized radiating element (3) being provided in the interior (11d) of the vertically polarized radiating element (1; 1a, 1b) which is in the form of a monopole, and - the feed device (111) comprises separate feed devices (111a) for a plurality of slots (43, 43'), the respectively associated slots (43, 43') being separately excited by means of said feed devices.

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