

Title (en)  
Corrugated horn antenna

Title (de)  
Hornstrahler einer Antenne mit gewelltem Gitter

Title (fr)  
Cornet d'antenne à grille corruguée

Publication  
**EP 2658032 B1 20140528 (FR)**

Application  
**EP 13165474 A 20130426**

Priority  
FR 1201240 A 20120427

Abstract (en)  
[origin: EP2658032A1] The guide has a grid (21) placed in vicinity of an opening (14) and comprising a frame (210) surrounding strips (211-213) extending longitudinally and continuously from a small side (250a) of the frame to another small side (250b) of the frame so as to form a linear polarization filter attenuating a cross-polarization component of electric field of electromagnetic wave. The component is orthogonal to an axis (y) orthogonal to a longitudinal axis (z). The strips include corrugations (22) sized and positioned to reinforce attenuation of the component. An independent claim is also included for a method for testing a radiofrequency equipment.

IPC 8 full level  
**H01Q 13/02** (2006.01); **H01Q 15/24** (2006.01); **H01Q 19/02** (2006.01)

CPC (source: EP US)  
**H01Q 13/02** (2013.01 - EP US); **H01Q 15/24** (2013.01 - EP US); **H01Q 15/242** (2013.01 - US); **H01Q 19/028** (2013.01 - EP US)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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