

Title (en)

Antenna assemblies with tapered loop antenna elements

Title (de)

Antennenanordnung mit konischen Schleifenantennenelementen

Title (fr)

Ensembles d'antenne avec éléments d'antenne en boucle conique

Publication

EP 2763235 A1 20140806 (EN)

Application

EP 14153878 A 20140204

Priority

US 201313759750 A 20130205

Abstract (en)

An antenna assembly operable for receiving high definition television signals, the antenna assembly comprising: at least one tapered loop antenna element (904); and a support including a base (988) and an upper portion (989) coupled to the tapered loop antenna element, the base having a slot (909) configured to engageably receive a portion of a reflector element (908) for mounting the reflector element to the base.

IPC 8 full level

H01Q 1/12 (2006.01); **H01Q 1/36** (2006.01); **H01Q 7/00** (2006.01); **H01Q 19/10** (2006.01)

CPC (source: EP)

H01Q 1/1221 (2013.01); **H01Q 1/125** (2013.01); **H01Q 1/36** (2013.01); **H01Q 7/00** (2013.01); **H01Q 19/106** (2013.01)

Citation (search report)

- [I] US 2010045551 A1 20100225 - SCHNEIDER RICHARD E [US], et al
- [A] US D666178 S 20120828 - SCHNEIDER RICHARD E [US], et al
- [A] MAO S-G ET AL: "Time-domain characteristics of ultra-wideband tapered loop antennas", ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 42, no. 22, 26 October 2006 (2006-10-26), pages 1262 - 1264, XP006027629, ISSN: 0013-5194, DOI: 10.1049/EL:20062101

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 14153878 A 20140204; CN 201410111350 A 20140207; CN 201420137153 U 20140207; TW 103103726 A 20140205; TW 103202114 U 20140205