

Title (en)

PLANAR BROADBAND ANTENNA

Title (de)

PLANARE BREITBANDIGE ANTENNE

Title (fr)

ANTENNE PLANE À LARGE BANDE

Publication

**EP 2223385 B1 20151028 (DE)**

Application

**EP 07856804 A 20071217**

Priority

EP 2007011068 W 20071217

Abstract (en)

[origin: WO2009076986A1] The invention relates to a planar antenna (1) comprising a planarly designed inner radiation element (2) that is surrounded by an outer radiation element (3). The radiation elements (2, 3) each have a feed point (4, 5). A continuous or discontinuous modification of the distance, which is equal in relation to a symmetrical axis of the inner radiation element (2), exists between the inner radiation element (2) and the outer radiation element (3). The distance between the outer (3) and the inner radiation element (2) is different in the area of the two feed points (4, 5) from that in the area facing away from the feed points (4, 5).

IPC 8 full level

**H01Q 13/10** (2006.01); **H01Q 1/22** (2006.01)

CPC (source: EP US)

**H01Q 1/2225** (2013.01 - EP US); **H01Q 13/106** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2009076986 A1 20090625**; CN 101904053 A 20101201; CN 101904053 B 20130612; EP 2223385 A1 20100901; EP 2223385 B1 20151028; US 2011057845 A1 20110310; US 8542150 B2 20130924

DOCDB simple family (application)

**EP 2007011068 W 20071217**; CN 200780101963 A 20071217; EP 07856804 A 20071217; US 80858110 A 20101124