

Title (en)  
ANTENNA DEVICE COMPRISING A LENGTH DIFFERENCE COMPENSATING UNIT

Title (de)  
ANTENNENEINRICHTUNG MIT LÄNGENAUSGLEICHSEINRICHTUNG

Title (fr)  
DISPOSITIF D'ANTENNES COMPRENANT UNE UNITÉ DE COMPENSATION D'UN DIFFÉRENCE DE LONGUEUR

Publication  
**EP 2168204 B1 20101006 (DE)**

Application  
**EP 08773415 A 20080612**

Priority  
• EP 2008004736 W 20080612  
• DE 102007033817 A 20070719

Abstract (en)  
[origin: US8188935B2] An improved antenna device has an internal length compensation device, permitting a varying length expansion of the housing/radome in relation to the antenna support or reflector device located within the housing/radome. At least one of at least two internal fixing devices is provided with the internal length compensation device. The internal length compensation device is in at least two parts or has two limbs, wherein one part is fixed to the antenna support and/or reflector device and the other part is at least indirectly fixed to the housing/radome and/or supported thereby. The at least two parts can be moved relative to each other, be moved in position or deformed. In particular with relation to the support points of both parts, the position may be changed with common deformation.

IPC 8 full level  
**H01Q 1/00** (2006.01); **H01Q 1/12** (2006.01); **H01Q 1/24** (2006.01); **H01Q 1/42** (2006.01)

CPC (source: EP US)  
**H01Q 1/002** (2013.01 - EP US); **H01Q 1/1207** (2013.01 - EP US); **H01Q 1/246** (2013.01 - EP US); **H01Q 1/42** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2010188310 A1 20100729; US 8188935 B2 20120529**; AT E484088 T1 20101015; BR PI0813827 A2 20150106; CN 101809810 A 20100818; DE 102007033817 B3 20081218; DE 502008001486 D1 20101118; EP 2168204 A1 20100331; EP 2168204 B1 20101006; ES 2353574 T3 20110303; RU 2010105865 A 20110827; WO 2009010135 A1 20090122; WO 2009010135 A8 20100121

DOCDB simple family (application)  
**US 66933708 A 20080612**; AT 08773415 T 20080612; BR PI0813827 A 20080612; CN 200880024117 A 20080612; DE 102007033817 A 20070719; DE 502008001486 T 20080612; EP 08773415 A 20080612; EP 2008004736 W 20080612; ES 08773415 T 20080612; RU 2010105865 A 20080612