

Title (en)

TILT ADAPTER FOR DIPLEXED ANTENNA WITH SEMI-INDEPENDENT TILT

Title (de)

NEIGUNGSADAPTER FÜR EINE DIPLEX-ANTENNE MIT HALB-UNABHÄNGIGER NEIGUNG

Title (fr)

ADAPTATEUR D'INCLINAISON POUR ANTENNE DIPLEXÉE AVEC INCLINAISON SEMI-INDÉPENDANTE

Publication

EP 3125366 B1 20200219 (EN)

Application

EP 16179570 A 20160714

Priority

- US 201514812339 A 20150729
- US 201514958463 A 20151203

Abstract (en)

[origin: EP3125366A1] An antenna, comprising a plurality of radiating elements; a first course phase shifter; a second course phase shifter; a first fine phase shifter; a second fine phase shifter; and a tilt adapter that is configured to adjust the first and second fine phase shifters based on adjustments made to the first and second course phase shifters.

IPC 8 full level

H01P 1/18 (2006.01); **H01Q 1/24** (2006.01); **H01Q 3/32** (2006.01); **H01Q 5/50** (2015.01); **H01Q 21/26** (2006.01)

CPC (source: CN EP)

H01P 1/18 (2013.01 - EP); **H01Q 1/246** (2013.01 - EP); **H01Q 3/08** (2013.01 - CN); **H01Q 3/32** (2013.01 - CN EP); **H01Q 5/50** (2015.01 - EP); **H01Q 21/26** (2013.01 - EP)

Cited by

US2022021113A1; US11616296B2; CN110165412A; CN110661081A; CN111180893A; US11316270B2; US11621487B2; WO2019074704A1

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

DOCDB simple family (publication)

EP 3125366 A1 20170201; **EP 3125366 B1 20200219**; CN 106410409 A 20170215; CN 106410409 B 20210202; CN 112713402 A 20210427; ES 2781705 T3 20200904

DOCDB simple family (application)

EP 16179570 A 20160714; CN 201610616203 A 20160729; CN 202110066560 A 20160729; ES 16179570 T 20160714