

Title (en)

REFLECTOR SYSTEM FOR A POLARISATION SENSITIVE ANTENNA WITH DUAL LINEAR POLARISATION

Title (de)

REFLEKTORSYSTEM FÜR EINE POLARISATIONSSELEKTIVE ANTENNE MIT DOPPELT LINEARER POLARISATION

Title (fr)

SYSTÈME DE RÉFLECTEUR POUR ANTENNE SENSIBLE À POLARISATION À POLARISATION DOUBLE LINÉAIRE

Publication

EP 2406855 B1 20170830 (DE)

Application

EP 10711326 A 20100305

Priority

- EP 2010001399 W 20100305
- DE 202009003501 U 20090313

Abstract (en)

[origin: WO2010102764A1] The invention relates to a reflector system (10) for a polarization-selective antenna having double linear polarization, comprising a first reflector (12) reflecting electromagnetic waves, a second reflector (14) reflecting electromagnetic waves, and a spacer (16), via which the first reflector (12) is held at a distance from the second reflector (14). The invention is characterized in that the first reflector (12) is formed as a carrier material-free first lattice (20) in the aperture plane of electric conductors (22) that are parallel to and spaced apart from one another and oriented in a first polarization direction.

IPC 8 full level

H01Q 19/195 (2006.01)

CPC (source: EP)

H01Q 15/22 (2013.01); **H01Q 19/195** (2013.01)

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 202009003501 U1 20090520; EP 2406855 A1 20120118; EP 2406855 B1 20170830; WO 2010102764 A1 20100916

DOCDB simple family (application)

DE 202009003501 U 20090313; EP 10711326 A 20100305; EP 2010001399 W 20100305