

Title (en)
Multi reflector antenna terminal

Title (de)
Multireflektorantennenendgerät

Title (fr)
Terminal d'antenne à réflecteur multiple

Publication
EP 2757632 A1 20140723 (EN)

Application
EP 13425011 A 20130118

Priority
EP 13425011 A 20130118

Abstract (en)
A multi reflector antenna terminal (100) is disclosed comprising: - a support base (2) adapted to be rotated around a first rotation axis (A); - a reflecting system (4,5,6) mechanically coupled to the support base (2) and adapted to be rotated around a second rotation axis (B) with respect to the support base (2), the second rotation axis (B) being independent from the first rotation axis (A); - at least one radiofrequency chain (9,18) adapted to receive and/or transmit an electromagnetic signal through the reflecting system (4,5,6). The reflecting system (4,5,6) comprises: - a main reflector (4) rotatably coupled to the rotating base (2) and adapted to be rotated around the second rotation axis (B) with respect to the support base (2); - a subreflector (5) and a third reflector (6), both mechanically coupled to the main reflector (4) and adapted to be rotated jointly with the main reflector (4) in its rotation around the second axis (B), wherein the third reflector (6) is adapted to be rotated around a third rotation axis (C) with respect to the main and subreflector (4).

IPC 8 full level
H01Q 1/32 (2006.01); **H01Q 3/08** (2006.01); **H01Q 3/20** (2006.01); **H01Q 19/17** (2006.01); **H01Q 19/19** (2006.01)

CPC (source: EP)
H01Q 1/32 (2013.01); **H01Q 3/08** (2013.01); **H01Q 3/20** (2013.01); **H01Q 19/17** (2013.01); **H01Q 19/191** (2013.01)

Citation (applicant)
WO 2008015647 A2 20080207 - TES TELEINFORMATICA E SISTEMI [IT], et al

Citation (search report)
• [Y] US 2006262022 A1 20061123 - DESARGANT GLEN J [US], et al
• [Y] DE 2321613 A1 19741114 - ROHDE & SCHWARZ
• [A] DE 2454133 A1 19760520 - SIEMENS AG

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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 13425011 A 20130118; CY 201100375 T 20200424; DK 13425011 T 20130118; ES 13425011 T 20130118