

Title (en)

ACQUISITION AID ANTENNA DEVICE AND ASSOCIATED ANTENNA SYSTEM FOR MONITORING A MOVING TARGET

Title (de)

ANTENNENVORRICHTUNG FÜR ERFASSUNGSHILFE UND ENTSPRECHENDES ANTENNENSYSTEM ZUR ÜBERWACHUNG EINES SICH BEWEGENDEN ZIELS

Title (fr)

DISPOSITIF D'ANTENNE D'AIDE A L'ACQUISITION ET SYSTEME D'ANTENNE POUR LE SUIVI D'UNE CIBLE EN MOUVEMENT ASSOCIE

Publication

EP 3365943 A1 20180829 (FR)

Application

EP 16784538 A 20161021

Priority

- FR 1560104 A 20151022
- EP 2016075454 W 20161021

Abstract (en)

[origin: WO2017068155A1] The invention concerns an acquisition aid antenna device (3), intended to be secured to a main antenna device, the acquisition aid antenna device (3) comprising: - a multiband acquisition aid antenna feed (7), suitable for receiving radiation emitted by a target, and - a lens (9) arranged in the main reception lobe of the acquisition aid antenna feed (7) for concentrating the radiation received from the target towards the acquisition aid antenna feed (7). This device makes it possible to detect targets that are outside the useful beam of the main antenna device, and to use an acquisition aid antenna feed identical to the feed of the main antenna device.

IPC 8 full level

H01Q 15/08 (2006.01); **H01Q 5/28** (2015.01); **H01Q 19/06** (2006.01); **H01Q 21/30** (2006.01); **H01Q 25/00** (2006.01)

CPC (source: EP IL US)

H01Q 1/125 (2013.01 - US); **H01Q 1/36** (2013.01 - US); **H01Q 5/28** (2015.01 - EP IL US); **H01Q 5/30** (2015.01 - US); **H01Q 15/08** (2013.01 - EP IL US); **H01Q 15/16** (2013.01 - US); **H01Q 19/062** (2013.01 - EP IL US); **H01Q 21/30** (2013.01 - EP IL US); **H01Q 25/002** (2013.01 - EP IL US)

Citation (search report)

See references of WO 2017068155A1

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)

WO 2017068155 A1 20170427; EP 3365943 A1 20180829; EP 3365943 B1 20200115; FR 3042917 A1 20170428; FR 3042917 B1 20181207; IL 258834 A 20180628; IL 258834 B 20190630; US 10700407 B2 20200630; US 2018358682 A1 20181213

DOCDB simple family (application)

EP 2016075454 W 20161021; EP 16784538 A 20161021; FR 1560104 A 20151022; IL 25883418 A 20180422; US 201615769574 A 20161021