Title (en)

IMPROVEMENTS TO RECEIVING AND/OR TRANSMITTING APPARATUS FOR SATELLITE TRANSMITTED DATA

Title (de)

VERBESSERUNGEN AN EINER EMPFANGS- UND/ODER SENDEVORRICHTUNG FÜR SATELLITENGESENDETE DATEN

Title (fr)

AMÉLIORATIONS APPORTÉES À UN APPAREIL DE RÉCEPTION ET/OU D'ÉMISSION POUR DES DONNÉES ÉMISES PAR SATELLITE

Publication

EP 3317914 B1 20231101 (EN)

Application

EP 16744451 A 20160630

Priority

- GB 201511436 A 20150630
- GB 2016051981 W 20160630

Abstract (en)

[origin: WO2017001856A1] The invention relates to apparatus for receiving and/or transmitting data signals via satellite, and in particular to a feedhorn assembly which allows the provision of data signals carried on at least triple frequency bands to be achieved with a common feed horn assembly. In one embodiment the assembly provides for three frequency bands of operation with two orthogonal polarizations (V&H LP or LH&RH CP) in each band. The feedhorn assembly in accordance with the invention also allows the possibility of utilising and interfacing with further components without the requirement to redesign the same, such as Ku LNBs, Ka transceivers and dish antennas.

IPC 8 full level

H01P 1/161 (2006.01); **H01Q 5/55** (2015.01); **H01Q 13/02** (2006.01); H01Q 19/13 (2006.01)

CPC (source: EP GB)

H01P 1/161 (2013.01 - EP); **H01Q 5/45** (2015.01 - GB); **H01Q 5/55** (2015.01 - EP); **H01Q 13/0208** (2013.01 - EP); **H01Q 13/025** (2013.01 - GB); **H01Q 13/0258** (2013.01 - EP); H01Q 19/136 (2013.01 - EP)

Cited by

CN110429378A

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)

WO 2017001856 A1 20170105; EP 3317914 A1 20180509; EP 3317914 B1 20231101; GB 201511436 D0 20150812; GB 201611420 D0 20160817; GB 2540675 A 20170125

DOCDB simple family (application)

GB 2016051981 W 20160630; EP 16744451 A 20160630; GB 201511436 A 20150630; GB 201611420 A 20160630