

Title (en)

ELEMENTARY CELL OF A TRANSMITTER NETWORK FOR A RECONFIGURABLE ANTENNA

Title (de)

GRUNDZELLE EINES ÜBERTRAGUNGSNETZES FÜR EINE REKONFIGURIERBARE ANTENNE

Title (fr)

CELLULE ÉLÉMENTAIRE D'UN RESEAU TRANSMETTEUR POUR UNE ANTENNE RECONFIGURABLE

Publication

**EP 3392959 B1 20200902 (FR)**

Application

**EP 18166901 A 20180411**

Priority

FR 1753285 A 20170414

IPC 8 full level

**H01Q 1/22** (2006.01); **H01Q 3/34** (2006.01); **H01Q 3/46** (2006.01); **H01Q 9/04** (2006.01); **H01Q 21/00** (2006.01)

CPC (source: EP US)

**H01Q 1/2283** (2013.01 - EP US); **H01Q 1/48** (2013.01 - US); **H01Q 3/34** (2013.01 - EP US); **H01Q 3/46** (2013.01 - EP US);  
**H01Q 9/0407** (2013.01 - EP US); **H01Q 15/24** (2013.01 - US); **H01Q 21/0093** (2013.01 - EP US)

Citation (examination)

- JONATHAN Y LAU ET AL: "Design and characterization of a 6 \* 6 planar reconfigurable transmitarray", ANTENNAS AND PROPAGATION (EUCAP), 2010 PROCEEDINGS OF THE FOURTH EUROPEAN CONFERENCE ON, IEEE, PISCATAWAY, NJ, USA, 12 April 2010 (2010-04-12), pages 1 - 5, XP031705795, ISBN: 978-1-4244-6431-9
- KAOUACH HAMZA: "Wideband high-efficiency unit-cell for 1-bit and 2-bit transmit-arrays operating in X-band", 2017 11TH EUROPEAN CONFERENCE ON ANTENNAS AND PROPAGATION (EUCAP), EURAAP, 19 March 2017 (2017-03-19), pages 2320 - 2324, XP033097124, DOI: 10.23919/EUCAP.2017.7928034

Cited by

EP4117117A1; FR3125173A1; EP3840116A1; FR3105610A1; US2023010547A1; US11296423B2

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 3392959 A1 20181024**; **EP 3392959 B1 20200902**; FR 3065329 A1 20181019; FR 3065329 B1 20190705; US 10680329 B2 20200609;  
US 2018301807 A1 20181018

DOCDB simple family (application)

**EP 18166901 A 20180411**; FR 1753285 A 20170414; US 201815951680 A 20180412