

Title (en)

ANTENNA CELL WITH TRANSMITTER OR REFLECTOR ARRAY

Title (de)

ANTENNENZELLE MIT SENDER- ODER REFLEKTORNETZWERK

Title (fr)

CELLULE D'ANTENNE À RÉSEAU TRANSMETTEUR OU RÉFLECTEUR

Publication

**EP 4175068 A1 20230503 (FR)**

Application

**EP 22202095 A 20221018**

Priority

FR 2111361 A 20211026

Abstract (en)

[origin: US2023129840A1] The present description concerns a transmitarray or reflectarray cell (105), comprising at least two switches made of a phase-change material.

Abstract (fr)

La présente description concerne une cellule (105) de réseau transmetteur ou de réseau réflecteur, comprenant au moins deux commutateurs en matériau à changement de phase.

IPC 8 full level

**H01Q 3/44** (2006.01); **H01Q 3/46** (2006.01); **H01Q 9/04** (2006.01)

CPC (source: EP US)

**H01Q 3/44** (2013.01 - EP US); **H01Q 3/46** (2013.01 - EP US); **H01Q 9/0414** (2013.01 - EP)

Citation (search report)

- [XAI] US 2016013549 A1 20160114 - SCHAFFNER JAMES H [US], et al
- [IA] US 2017033462 A1 20170202 - CLEMENTE ANTONIO [FR], et al
- [XA] ANAGNOSTOU DIMITRIS E ET AL: "Integration of resistive heaters for phase-change reconfigurable antennas", 2017 11TH EUROPEAN CONFERENCE ON ANTENNAS AND PROPAGATION (EUCAP), EURAAP, 19 March 2017 (2017-03-19), pages 2349 - 2350, XP033097127, DOI: 10.23919/EUCAP.2017.7928037

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

Designated extension state (EPC)

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Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4175068 A1 20230503**; FR 3128592 A1 20230428; FR 3128592 B1 20231027; US 2023129840 A1 20230427

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