

Title (en)

RADIO CELL WITH TWO PHASE STATES FOR TRANSMIT ARRAY

Title (de)

STRAHLENDE ZELLE MIT ZWEI PHASENZUSTÄNDEN FÜR EIN SENDENDES NETZWERK

Title (fr)

CELLULE RAYONNANTE A DEUX ETATS DE PHASE POUR RESEAU TRANSMETTEUR

Publication

**EP 2656438 A1 20131030 (FR)**

Application

**EP 11802728 A 20111221**

Priority

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Abstract (en)

[origin: WO2012085067A1] The present invention relates to a radiating cell having two phase states, which is suitable for a transmitting network that is capable of transmitting microwave signals, the cell including a first antenna (201) and a second antenna (202) arranged on either side of an assembly (204) comprising two substrate layers (204', 204'') separated by a floorplan (203), the second antenna (202) including a conductive element capable of radiating (221, 222), the cell including at least two switching means (231, 232), said means each comprising an on state and an off state between two accesses, one of said accesses being connected to the second radiating element, said switching means being controlled in opposition. The invention can be used in particular for creating transmitting networks implementing a plurality of configurable cells for controlling the radiation pattern.

IPC 8 full level

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CPC (source: EP US)

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See references of WO 2012085067A1

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