

Title (en)  
ANTENNA WITH BROADBAND TRANSMITTER NETWORK

Title (de)  
ANTENNE MIT BREITBANDÜBERTRAGUNGSNETZ

Title (fr)  
ANTENNE À RÉSEAU TRANSMETTEUR LARGE BANDE

Publication  
**EP 3540853 B1 20211020 (FR)**

Application  
**EP 19162018 A 20190311**

Priority  
FR 1852200 A 20180314

Abstract (en)  
[origin: US2019288403A1] The invention concerns a transmit array (203) including a plurality of cells, each cell being capable of transmitting a radio signal by introducing into this signal a phase shift, said plurality of cells including cells of a first type (205-I) and cells of a second type (205-II), wherein: the array comprises a stack of first (M1), second (M2), and third (M3) conductive layers separated two by two by dielectric layers (D1, D2); each cell includes a first antenna element (205a) formed in the first conductive layer (M1) and a second antenna element (205b) formed in the third conductive layer (M3); in each cell of the first type, the first antenna element is connected to the second antenna element by a via (211) crossing the second conductive layer; and in each cell of the second type, the first antenna element is not connected to the second antenna element.

IPC 8 full level  
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CPC (source: EP US)  
**H01Q 3/46** (2013.01 - EP US); **H01Q 21/061** (2013.01 - US); **H01Q 21/22** (2013.01 - US); **H01Q 21/065** (2013.01 - EP US)

Cited by  
CN110739548A

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DOCDB simple family (publication)  
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