

Title (en)
ANTENNA ARRAY

Title (de)
ANTENNENARRAY

Title (fr)
RESEAU D'ANTENNES

Publication
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Application
EP 97927140 A 19970605

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• DE 19627015 A 19960704
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Abstract (en)
[origin: DE19627015A1] The invention concerns an antenna array for simultaneously receiving or simultaneously emitting electromagnetic waves with two linear orthogonal polarizations, the antenna array comprising a decoupling arrangement (17) between adjacent radiator modules (1). The decoupling arrangement is provided between two radiator modules (1) which are adjacent in the mounting direction (21). The object of the invention is to improve the antenna array by providing between two adjacent radiator modules (1) a decoupling structural element (17) of which at least the longitudinal component extends in the mounting direction (21), the length of this longitudinal component being greater than or equal to 25 % of the distance (25) between the centres or bases (23) of the corresponding adjacent radiator modules (1).

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H01Q 21/24

IPC 8 full level
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H01Q 1/523 (2013.01 - EP KR US); **H01Q 21/24** (2013.01 - EP KR US); **H01Q 21/26** (2013.01 - EP KR US)

Cited by
CN108028462A; WO2022051906A1

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DE 19627015 A1 19980108; **DE 19627015 C2 20000713**; CA 2228548 A1 19980115; CA 2228548 C 20030114; DE 59707037 D1 20020523; EP 0848862 A1 19980624; EP 0848862 B1 20020417; ES 2175417 T3 20021116; KR 100454146 B1 20050124; KR 19990037683 A 19990525; US 6025812 A 20000215; WO 9801923 A1 19980115

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