

Title (en)

ANTENNA ARRAY WITH SEVERAL VERTICALLY SUPERPOSED PRIMARY RADIATOR MODULES

Title (de)

ANTENNENARRAY MIT MEHREREN VERTIKAL ÜBEREINANDER ANGEORDNETEN PRIMÄRSTRAHLER-MODULEN

Title (fr)

RESEAU D'ANTENNES A PLUSIEURS MODULES EXCITATEURS SUPERPOSES

Publication

EP 1082781 B1 20020306 (DE)

Application

EP 99926351 A 19990520

Priority

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Abstract (en)

[origin: DE19823750A1] An improved antenna array comprises at least two vertically superposed primary radiator modules (1, 3) located in front of a reflector (5), and is characterised as follows: At least one first primary radiator module (1) of a first type and at least one second primary radiator module (3) of a second type are provided, these being vertically superposed at a distance; the primary radiator module(s) (1) of the first type has/have a different horizontal half-value width to the primary radiator module(s) (3) of the second type, so that it is possible to obtain a different horizontal total half-width value of the whole antenna; and the primary radiator module(s) (1) of the first type have a different constructional configuration to the primary radiator module(s) (3) of the second type.

IPC 1-7

H01Q 21/29; **H01Q 21/10**; **H01Q 1/24**

IPC 8 full level

H01Q 1/24 (2006.01); **H01Q 21/10** (2006.01); **H01Q 21/29** (2006.01)

CPC (source: EP KR US)

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DE102004025904B4; US6940465B2; DE102016123997A1; US7075498B2

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