

Title (en)

CALIBRATION DEVICE FOR AN ANTENNA ARRAY AND METHOD FOR CALIBRATING SAID ARRAY

Title (de)

KALIBRIEREINRICHTUNG FÜR EIN ANTENNEN-ARRAY UND VERFAHREN ZU DESSEN KALIBRIERUNG

Title (fr)

DISPOSITIF D'ETALONNAGE DESTINE A UN RESEAU D'ANTENNES ET PROCEDE D'ETALONNAGE DE CE RESEAU D'ANTENNES

Publication

EP 1532716 B1 20071003 (DE)

Application

EP 03730156 A 20030605

Priority

- DE 10237823 A 20020819
- EP 0305930 W 20030605

Abstract (en)

[origin: US2004032365A1] An improved calibration device for an antenna array, or an improved antenna array, is provided by the following features: if the total number of antenna elements (3, 3') which are provided for a column (7) is N, where N is a natural number, only N/2 or less coupling devices (111) and/or probes (11) are provided, the number of couplers or probes (11) which are provided are associated with only some of the antenna elements (3, 3'); and a combination network (27, 27', 27'') is also provided, via which the coupling devices (111) and/or probes (11) which are provided are connected.

IPC 8 full level

H01Q 3/26 (2006.01); **H01Q 1/24** (2006.01)

CPC (source: EP US)

H01Q 1/246 (2013.01 - EP US); **H01Q 3/267** (2013.01 - EP US)

Cited by

US10361762B2; US10284308B1; US10320349B1; US10673399B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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