

Title (en)

Method for controlling a phase controlled antenna

Title (de)

Verfahren zur Steuerung einer phasengesteuerten Antenne

Title (fr)

Méthode de contrôle d'une antenne à commande de phase

Publication

EP 0923154 A3 20001011 (DE)

Application

EP 98120652 A 19981104

Priority

DE 19750033 A 19971112

Abstract (en)

[origin: DE19750033A1] The method involves controlling a phase-controlled antenna consisting of transmitter/receiver modules containing a control logic, with which the phase- and amplitude controls in each module are adjusted in a pre-settable way. The control logic is directly connected with only one calibration memory which contains at least all phase- and amplitude correction values for the corresponding module. The method involves controlling a phase-controlled antenna consisting of transmitter/receiver modules, whereby each module contains a control logic, with which the phase- and amplitude controls in each module are adjusted in pre-settable way. The control logic is directly connected with only one calibration memory, which is preferably formed as E²PROM in a SOIC casing, and which contains at least all phase- and amplitude correction values for the corresponding module. The phase- and amplitude controls are thereby controlled directly by the control logic.

IPC 1-7

H01Q 3/26; **H01Q 21/00**

IPC 8 full level

H01Q 3/26 (2006.01); **H01Q 21/00** (2006.01)

CPC (source: EP)

H01Q 3/267 (2013.01); **H01Q 21/0025** (2013.01)

Citation (search report)

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