

Title (en)  
ANTENNA ARRAY CALIBRATION

Title (de)  
KALIBRIERUNG EINER GRUPPENANTENNE

Title (fr)  
ETALONNAGE D'UN GROUPEMENT D'ANTENNES

Publication  
**EP 0763266 A1 19970319 (EN)**

Application  
**EP 95920362 A 19950601**

Priority  
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Abstract (en)  
[origin: WO9534103A1] A method and apparatus for calibrating the transmission of an antenna array for use in a mobile radio communication system so as to increase the accuracy of the beam shape and direction of the antenna beam are disclosed. First, an input signal is inputted into each antenna section one antenna section at a time. The signal transmitted by each antenna section is then measured and correction factors can be formed for each antenna section. The antenna sections are then adjusted using the correction factors so as to ensure that each section is properly calibrated.

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**H01Q 3/26**; **G01R 29/10**

IPC 8 full level  
**G01R 29/10** (2006.01); **G01S 7/02** (2006.01); **G01S 7/40** (2006.01); **H01Q 3/26** (2006.01); **H01Q 3/28** (2006.01); **H01Q 3/36** (2006.01); **H01Q 3/38** (2006.01)

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See references of WO 9534103A1

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DE ES FR GB IT SE

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**WO 9534103 A1 19951214**; AU 2583695 A 19960104; AU 691295 B2 19980514; BR 9507801 A 19980526; CA 2190258 A1 19951214; CN 1078390 C 20020123; CN 1150499 A 19970521; EP 0763266 A1 19970319; FI 964654 A0 19961121; FI 964654 A 19961121; JP H10503892 A 19980407; MX 9605934 A 19971231; RU 2147753 C1 20000420

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