

Title (en)
Method and means for transmitter identification in common wave networks

Title (de)
Verfahren und Vorrichtung zur Senderidentifikation in Gleichwellennetzen

Title (fr)
Méthode et dispositif pour l'identification d'émetteur dans les réseaux d'émission en onde commune

Publication
EP 0893893 A3 20040121 (DE)

Application
EP 98112523 A 19980707

Priority
DE 19731664 A 19970723

Abstract (en)
[origin: EP0893893A2] The method involves using a continuously rotating directional antenna, for measuring the field strength at selected angles, with a field strength signal provided by an omni-antenna (2) at the same intervals. The angle of the rotating antenna is stored alongside each measured field strength value. The angle is used together with the direction of the vehicle incorporating the measuring system, for providing the absolute angle for each measuring time point. The geographical position of the vehicle is obtained from an onboard global positioning system (GPS) and used to identify the position of each transmitter using a map.

IPC 1-7
H04H 3/00; H04H 1/00

IPC 8 full level
H04H 20/67 (2008.01)

CPC (source: EP)
H04H 20/67 (2013.01)

Citation (search report)

- [A] COMINETTI M: "THE RAI PLANS FOR DAB FIELD TESTS", EBU REVIEW- TECHNICAL, EUROPEAN BROADCASTING UNION. BRUSSELS, BE, no. 262, 21 December 1994 (1994-12-21), pages 50 - 57, XP000494769, ISSN: 0251-0936
- [A] LAU A ET AL: "FIRST RESULTS OF FIELD TESTS WITH THE DAB SINGLE FREQUENCY NETWORK IN BAVARIA", EBU REVIEW- TECHNICAL, EUROPEAN BROADCASTING UNION. BRUSSELS, BE, no. 261, 21 September 1994 (1994-09-21), pages 4 - 27, XP000486550, ISSN: 0251-0936
- [A] ERKKILA V ET AL: "DAB FIELD TRIALS IN FINLAND DIGITAL AUDIO BROADCASTING", EBU REVIEW- TECHNICAL, EUROPEAN BROADCASTING UNION. BRUSSELS, BE, no. 261, 21 September 1994 (1994-09-21), pages 28 - 35, XP000486551, ISSN: 0251-0936

Cited by
US10145933B2; WO2014127612A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0893893 A2 19990127; EP 0893893 A3 20040121; EP 0893893 B1 20060419; DE 19731664 C1 19990429; DE 59813492 D1 20060524

DOCDB simple family (application)
EP 98112523 A 19980707; DE 19731664 A 19970723; DE 59813492 T 19980707