

Title (en)

Signal receiver and method for aligning antenna for reception of at least two signals

Title (de)

Signalempfänger und Verfahren zur Anpassung einer Antenne zur Empfangsnahme von mindestens zwei Signalen

Title (fr)

Récepteur de signal et méthode d'alignement d'antenne pour la réception d'au moins deux signaux

Publication

EP 1746683 A1 20070124 (EN)

Application

EP 05106576 A 20050718

Priority

EP 05106576 A 20050718

Abstract (en)

In a signal receiver provided with an antenna (111), an antenna alignment controller (141) incorporates an available signals detector (142) searching for available signals, a critical signals selector (144) selecting critical signals, a critical signals analyzer (145) cyclically measuring the quality of critical signals and a signal information generator (143) providing concurrently the quality of at least two available signals at the alignment interface. The antenna alignment controller (141) can be implemented as software or may constitute a separate hardware element of the receiver or software operated by one of receiver blocks.

IPC 8 full level

H01Q 1/12 (2006.01); **H01Q 3/00** (2006.01)

CPC (source: EP)

H01Q 1/125 (2013.01); **H01Q 3/00** (2013.01)

Citation (applicant)

- US 4893288 A 19900109 - MAIER GERHARD [DE], et al
- EP 1014481 A1 20000628 - NOKIA SATELLITE SYSTEMS AB [SE]
- US 6229480 B1 20010508 - SHINTANI PETER RAE [US]

Citation (search report)

- [X] US 6693587 B1 20040217 - KUETHER DAVID J [US], et al
- [A] WO 0039885 A1 20000706 - CAHORS APP ELEC [FR], et al
- [A] FR 2764124 A1 19981204 - DATENO SA [FR]
- [A] EP 1014477 A2 20000628 - MITSUBISHI ELECTRIC CORP [JP]
- [AD] US 6229480 B1 20010508 - SHINTANI PETER RAE [US]

Cited by

WO2013178132A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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