

Title (en)

MONITORING METHOD AND SYSTEM AND INTEGRATED MONITORING DEVICE FOR ANTENNA OSCILLATOR OF BASE STATION

Title (de)

ÜBERWACHUNGSVERFAHREN UND -SYSTEM SOWIE INTEGRIERTE ÜBERWACHUNGSVORRICHTUNG FÜR EINEN ANTENNENOSZILLATOR EINER BASISSTATION

Title (fr)

PROCÉDÉ ET SYSTÈME DE SURVEILLANCE ET DISPOSITIF DE SURVEILLANCE INTÉGRÉ POUR OSCILLATEUR D'ANTENNE DE STATION DE BASE

Publication

**EP 2755337 A4 20150422 (EN)**

Application

**EP 12830555 A 20120410**

Priority

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Abstract (en)

[origin: WO2013033990A1] Disclosed are a monitoring method and system and an integrated monitoring device for an antenna oscillator of a base station, which are used to monitor whether an anomaly occurs in the antenna oscillator of the base station. The monitoring method for an antenna oscillator of a base station in the present invention comprises: performing wave detection and analog-to-digital conversion on an obtained transmission signal of the antenna oscillator of the base station, to acquire a digital signal of a direct-current signal of the transmission signal; determining the amplitude of changes of the digital signal in a set time length, and when the amplitude of the changes is greater than a preset amplitude change threshold, determining that an anomaly occurs in the antenna oscillator; otherwise, determining that the antenna oscillator is normal.

IPC 8 full level

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CPC (source: EP)

**H01Q 1/246** (2013.01); **H01Q 3/267** (2013.01); **H01Q 21/061** (2013.01)

Citation (search report)

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- [YA] US 4639732 A 19870127 - ACORACI JOSEPH H [US], et al
- [A] WO 0108259 A1 20010201 - FUJANT INC [US]
- [A] WO 2009092320 A1 20090730 - HUAWEI TECH CO LTD [CN], et al
- See references of WO 2013033990A1

Designated contracting state (EPC)

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