

Title (en)

Method for detecting the use of radio frequency signal inhibitors in wireless communications systems

Title (de)

Verfahren zur Detektion der Verwendung von Hochfrequenzsignalhemmern in drahtlosen Kommunikationssystemen

Title (fr)

Procédé de détection de l'utilisation d'inhibiteurs de signaux de fréquence radio dans des systèmes de communications sans fil

Publication

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Application

EP 07380325 A 20071122

Priority

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Abstract (en)

[origin: EP1926242A1] The invention relates to a method for detecting the use of radiofrequency signal inhibitors (3) in wireless communications systems, which inhibitors (3) act to prevent the communication between at least one mobile device (2) and a base station (1) of the wireless communications system. The data capture necessary for detecting the inhibitors (3) is carried out in the base station (1), which station obtains the baseline background noise level R, the mean power level P received in a time period #t, generates a function relating the expected mean power P EXP in a certain time period #t with the average N of the powers assigned to the connections set up in said At, and compares P with P EXP to determine if said P exceeds P EXP by a predetermined percentage and/or value; in which case a detection of a use of signal inhibitors (3) will occur.

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