

Title (en)

DEVICE AND METHOD FOR THE SUPPRESSION OF PULSED WIRELESS SIGNALS

Title (de)

EINRICHTUNG UND VERFAHREN ZUR UNTERDRÜCKUNG GEPULSTER DRAHTLOSER SIGNALE

Title (fr)

DISPOSITIF ET PROCEDE DE SUPPRESSION DE SIGNAUX RADIOELECTRIQUES PULSES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO03058270A1] The invention relates to a method for suppressing pulsed signals, particularly signals of types DME or TACAN, occurring in the wireless signals received (Ue) by a radio frequency receiver. The reception frequency band of the receiver is divided into frequency sub-bands corresponding to the transmission channels of the pulsed signals. The pulsed signals and the transmission channel of said pulsed signals are detected in the frequency sub-bands. The frequency sub-band containing the detected pulsed signals is filtered during the time that the pulsed signals last in order to eliminate said pulsed signals. The inventive method protects wireless receivers of types GPS or GALILEO from interference by pulsed DME/TACAN-type signals.

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IPC 8 full level

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CPC (source: EP US)

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