ANTI-DECOYING GNSS / GPS SYSTEM

Time and position data authentication of the satellite signals

Technological benefits

Authentification of GNSS / GPS signals
Time/position data-crossing.
Anti-decoying system / ARP spoofing

Secure method
Control sequences generated by pseudorandom code produced by an encryption key.
Certification of data authenticity.

Compact
Device easily joined on small antenna supports.

Invention overview

Compact anti-decoying system of GNSS signals, allowing a distant and secure control of the integrity of the GNSS data time / positions.

Commercial benefits

Adaptability & modularity
Allow to apply the process to terminals having only the capacities of smartphone / car / payment terminals.

Security
Detection of spoofing.

Patent Application

Potential applications

Authentification of payments terminals, transactions, etc.

Protection of navigation systems (vehicle, etc.)

TRL : 3

Patented invention available under license

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