



GEODESY AND/OR IMAGING PROCESS AND DEVICE USING SATELLITE SIGNAL PROCESSING

*An innovative system for accurate remote measurement of site displacement
in the three spatial directions, with zero emissions*

Technological benefits

An innovative and powerful technology

Very small signal-to-noise ratio offset by long observation time

3D image acquisition

Measurement repeat capacity due to continuous satellite signals

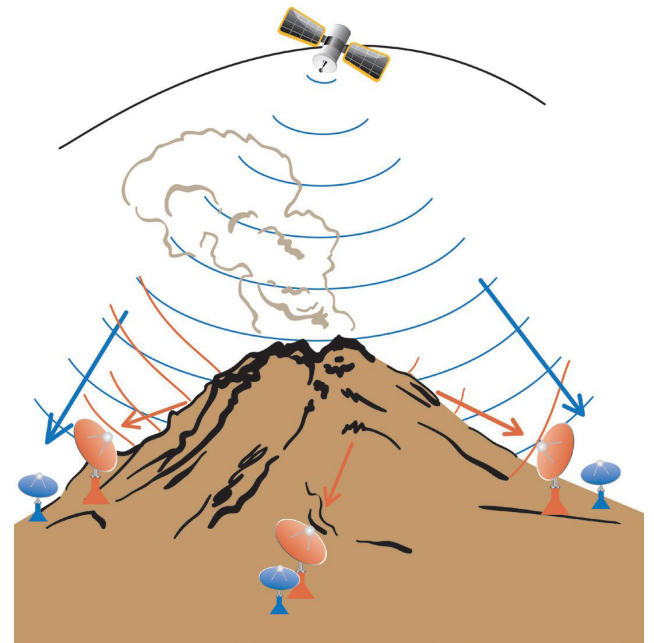
A reliable solution

Very easy to use on ground

Emission-free device that does not require an installation permit

Invention overview

Process and device that can be used to obtain an image or geodetic measurements by opportunistic operation of radio frequency signals emitted by existing space systems.



Example of implementation

Potential applications

Displacement monitoring on:

- Geophysical sites
- Water pumping sites
- Construction sites
- Buildings, etc

Commercial benefits

A simple design

A device with two antennas and a receiver type electromagnetic sensor

Cost reduction

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Patented invention, available under license