



SIMPLIFIED GNSS RECEIVER WITH IMPROVED PRECISION IN A VOLATILE ENVIRONMENT

Description of a device used to improve the precision of a GNSS receiver

Technological benefits

Improved robustness for GNSS receivers in terms of multipath reflections

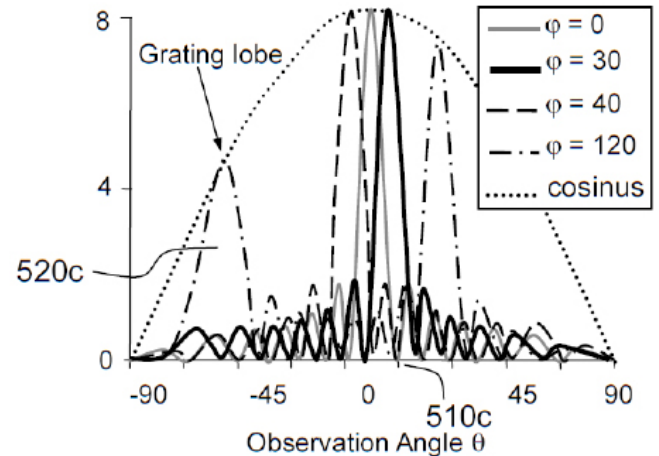
The invention is able to alleviate multipath reflections in order to limit their impact on receiver processing.

Adaptability of the invention to different areas

The antenna assembly is configured to operate with different modes, each mode being adapted to a number of areas based on the different multipath reflection levels

Enables greater GNSS positioning precision

The invention therefore improves calculation of the positioning using several antennas.



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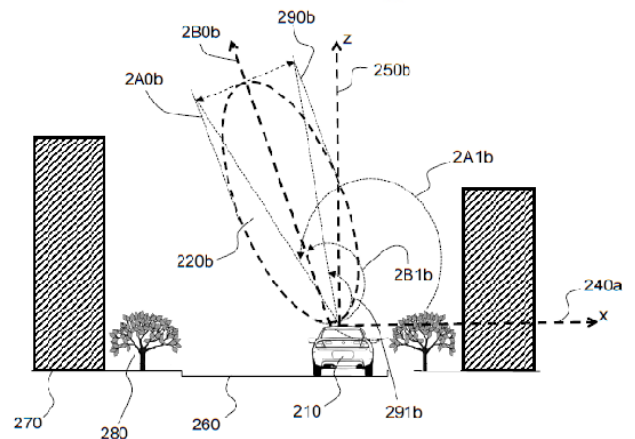


FIG.2b

Invention overview

The invention proposes an antenna assembly that will allow wave reflections caused by different obstacles to be alleviated. It thus enables a more accurate calculation of the GNSS positioning, even in very volatile areas.

Potential applications

Improvement of the GNSS receiver in volatile environments

Invention adaptable to the environment and the circumstances

Commercial Benefits

Adaptability of the solution to the device

The solution can be implemented on a small, lightweight and low-power device.

Invention brevetée disponible sous licence