



MECANISM FOR POINTING

Ultra-precise tripod

Technological benefits

Innovative technology

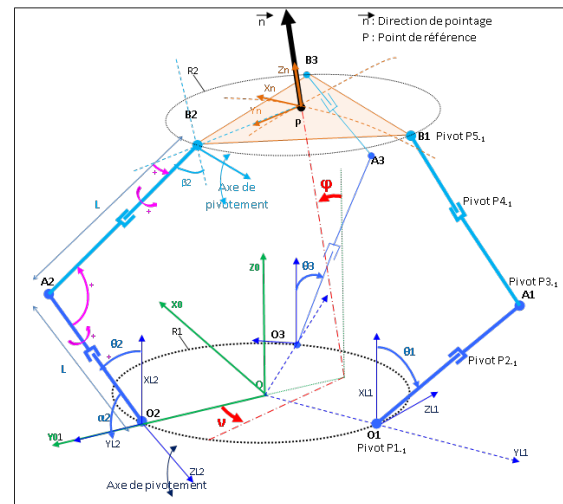
Pointing Method: Controlled trajectories within the defined pointing area

Parallel architecture without singularity:

- No rigidity in the displacement
- Optimized pointing configuration

Invention overview

Disclosed is a compact tripod mechanism for a quick and precise pointing. Its parallel architecture mechanism and its innovative drive control ensure a controlled and smooth motion.



Potential applications

Antenna pointing system for the following areas:

- Land vehicles: they would benefit from a fast and accurate system for pointing a target
- Watercraft: they would benefit from the reliability of the system and its reduced need of maintenance
- Aircraft: they would benefit from its compactness

Commercial benefits

- Compact
- Accurate
- Fast
- High reliability and low maintenance, thanks to a smooth mechanism

TRL : 6 (2015)

Patented invention, available under license
Part ownership COMAT