



INTERACTIVE PROCESS AND DEVICE FOR BROADCASTING IMAGES EMITTED BY ROBOT-MOUNTED VIDEO CAMERA

Innovative system for controlling the movements of a robot and camera in a space and along a desired trajectory

Technological benefits

Interactive, powerful process

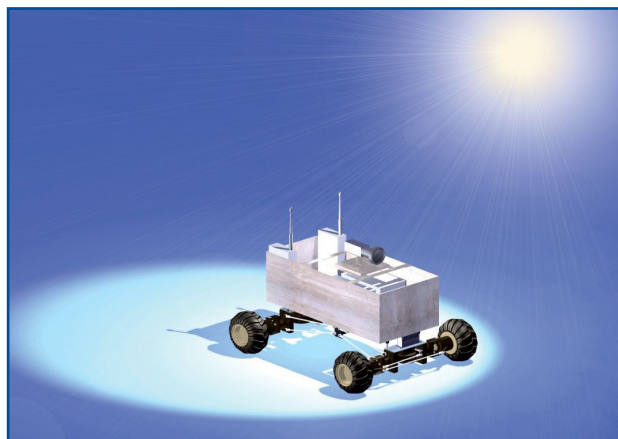
- Map control system
- Significant flow reduction
- Small amount of information transmitted
- Images broadcast as robot moves
- Seamless use of a mobile robot to control camera movements
- Remote control features within a given perimeter: visualisation, alarms, lighting, etc.



Robot prototypes

Invention overview

Interactive process for broadcasting images emitted by video camera and transmitted via the Internet.
The device uses Cartesian control laws.
The trajectory is defined by space mapping and the actual robot trajectory is servo-controlled.



Potential applications

Property protection

Site surveillance (external and internal) with remote control features

Museums

Tourist sites

Exhibition halls

Real estate visits

Commercial benefits

A simple design

- Use of a single camera
- Camera controlled via Internet
- Cost reduction

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Patented invention, available under license