

Abstract

SELF-GUIDED HANDLING APPARATUS COMPRISING A DETECTION MEANS

- 5 The invention relates to a self-guided handling apparatus comprising a means for detecting obstacles which comprises a telemetry means arranged at the top of a mast (2). The telemetry means comprises a first laser (4) performing a 360° horizontal scan with an opening of $\pm 15^\circ$ relative to the horizontal plane, and at least a second laser (3) having an opening of -15° to -80° and performing a scan of at
- 10 least 270°, the detection means comprising a processor using the cluster of telemetric points to detect the obstacles and control the change in the movement of the apparatus.