

ABSTRACT

**LIFTING DEVICE AND ATTITUDE ADJUSTING METHOD FOR CRANE
LOAD**

A lifting device includes a control device configured to adjust an attitude of a crane load based on the inclined angle. The control device adjusts: an attitude of the crane load about the X-axis by holding distances between a lifting equipment and all of the attachment parts provided on a first side of a first vertical plane and by controlling a plurality of distance adjusting devices in parallel such that distances between the lifting equipment and all of the attachment parts provided on a second side of the first vertical plane are respectively reduced or increased; and an attitude of the crane load about the Y-axis by holding distances between the lifting equipment and all of the attachment parts provided on a first side of a second vertical plane and by controlling the plurality of the distance adjusting devices in parallel such that distances between the lifting equipment and all of the attachment parts provided on a second side of the second vertical plane are respectively reduced or increased.

FIG. 1