

ABSTRACT

The present application discloses an anti-hoisting monitoring method, apparatus and system for a container truck. The anti-hoisting monitoring method for a container truck includes: acquiring a first point cloud set of a container, where the first point cloud set represents a set of a plurality of points that are emitted by a laser transmitter to a side surface, close to the laser transmitter, of the container; obtaining an anti-hoisting monitoring area based on the first point cloud set; acquiring a second point cloud set of a target object, where the target object represents a part of the container truck or represents an object other than the container or the container truck, and the second point cloud set represents a set of a plurality of points emitted by the laser transmitter to the target object; and outputting, based on the anti-hoisting monitoring area and the second point cloud set, a signal representing that the container truck is hoisted or not hoisted, where the container truck is configured to load the container. According to embodiments of the present application, detection accuracy can be improved and an occurrence probability of false alarms can be reduced.

Fig. 2