

Abstract**CONTAINER DOOR DETECTION SYSTEM AND METHOD**

A system for detecting a position of a container door including: a 3D sensor arranged to
5 detect and generate 3D spatial data map; said 3D spatial data map including an array of data
points, said data points defined by their respective x,y,z coordinate, wherein x,y coordinate is
a plane vertical to the 3D sensor axis and z coordinate a distance function from the 3D sensor
perpendicular to the xy plane; a processor arranged to receive positional data from the sensor,
said processor including an algorithm arranged to analyse the position data to determine the door
10 closure status.

Figure 1