Abstract

MATERIAL HANDLING SYSTEM AND METHOD

A material handling system comprising: a platform for receiving a plurality of articles; a plurality of sorting bins, each bin in corresponding to an article type; an object recognition system for identifying an article on the platform and categorizing said article by specific article type; said 3D object recognition system including a 3D detector for detecting said article and a database containing data on characteristics of article types; an article engagement assembly for engaging and delivering said article to said corresponding sorting bin; wherein the object recognition system is arranged to identify the article based upon the data within said database and instructs the article engagement assembly to engage and place the article in said sorting bin.

Figure 1