

ABSTRACT

Proposed are a collision prediction apparatus and method for logistics robot. The collision prediction apparatus includes a collection part configured to collect process state information, a learning part configured to learn collision prediction criteria for respective collision types on the basis of the process state information, a prediction part configured to predict occurrence of a collision with at least one of a plurality of logistics robots on the basis of the process state information collected after learning and the collision prediction criteria, and an output part configured to output a control signal corresponding to a result of prediction.

FIG. 5