

ABSTRACT

According to at least one aspect, the present disclosure provides a robot system for automatically assembling a modular component and an assembly target, comprising: an assembly robot including a first manipulator, an assembly tool coupled to the first manipulator and configured to assemble the modular component and the assembly target, and a first camera configured to capture images in a direction in which the assemble tool faces; a loading robot including a second manipulator and a gripper coupled to the second manipulator and configured to grip the modular component; and a control device configured to control the assembly robot and the loading robot.

FIG. 1