

ROBOT SYSTEM

ABSTRACT OF THE DISCLOSURE

A modular robot system is provided with memory means for memorizing task information concerning task of each component unit and the recognition means for recognizing the task of each component unit based on the task information of each component unit. Further, the modular robot system is provided with linkage condition detection means for detecting the linkage condition of each component unit, memory means for memorizing the linkage condition of each component unit every category, of which the configuration of robot system to be assembled is classified into multiple categories according to the linkage condition of each component unit, and judgment means for judging the category of the robot system to be assembled based on the linkage condition of each component unit detected by the linkage condition detection means and the linkage condition of each component unit every category memorized by the memory means.

FIGURE 4