Abstract:

A transfer robot has a base column rotatably supported by a support plate. A common frame is mounted on the base column. A left handler is constituted by a first beam portion of the common frame, a first intermediate arm, a first distal arm, a first hand, and so forth. The left handler is controlled such that its expansion and contraction direction is set by a common motor and it is driven to expand and contract by the common motor and a first motor. A right handler is constituted by a second beam portion of the common frame, a second intermediate arm, a second distal arm, a second hand, and so forth. The right handler is controlled such that its expansion and contraction direction is set by the common motor and it is driven to expand and contract by the common motor and a second motor.