

Transfer apparatus for transferring an object and method of use thereof and lithographic projection apparatus comprising such a transfer apparatus

5 Abstract

10 The invention relates to a transfer apparatus for transferring an object (W). the transfer apparatus comprises a gripper (15) for at least one of gripping the object (W) at a first position and then releasing the object (W) at a second position proximate to a receiver (20) and releasing the object (W) at a first position after gripping the object at a second position proximate to the receiver (20). The transfer apparatus is further provided with a measurement device (22) arranged to measure the relative position of the gripper (15) with respect to the receiver (20) in at least one dimension. Further, a relative position error is defined with respect to a desired relative position based on the relative position measured. The relative position of the gripper (15) and the receiver
15 (20) are adjusted for minimizing the relative position error in the second position.

[Fig. 2]