

POSITIONING SYSTEM, LITHOGRAPHIC APPARATUS AND DEVICE MANUFACTURING METHOD

ABSTRACT

A positioning system to position a table within a base frame of a lithographic apparatus, the positioning system including: a first actuator to exert an actuation force on the table, the first actuator being connected to a first balance mass constructed and arranged to absorb a reaction force of the first actuator, wherein the positioning system includes a controller and a second actuator constructed and arranged to exert a compensation force and/or torque to compensate a torque caused by the actuation force exerted by the first actuator on the first balance mass.

Figure 1