ABSTRACT

LINEAR MOTOR DRIVEN MECHANISM USING FLEXURE BEARINGS FOR OPTO-MECHANICAL DEVICES

There is disclosed apparatus for moving an optical element in an opto-mechanical system, comprising at least one circularly symmetric flexure surrounding said optical element, and means for moving said optical element along an axis perpendicular to and extending through the centre of said at least one flexure. A number of flexures may be provided in a stack with spacers therebetween, and the optical element may be mounted in a tubular member support by two paced apart stacks. Means are also provided for damping end of movement vibrations.

FIG. 3