

Abstract of the disclosure

The invention consists of a device for holding, positioning and/or moving an object in a vacuum and comprises a base, an end effector with substrate holder,
5 a linear drive coupled to the end effector via a carriage, optionally a vertical or lifting drive acting on the base and a magnetic bearing for the carriage. In accordance with the invention, the linear drive is designed as a fluid-actuated, otherwise closed cylinder with a double-acting piston, wherein the piston is provided with a magnet arrangement. The carriage has a magnetic ring which
10 engages around the cylinder at least at a distance on the outside and which surrounds the cylinder without contact.