

RADIATION GENERATING DEVICE, LITHOGRAPHIC APPARATUS, DEVICE MANUFACTURING METHOD AND DEVICE MANUFACTURED THEREBY

ABSTRACT

A device for generating radiation source based on a discharge includes a cathode and an anode. The cathode and anode material are supplied in fluid state. The material forms a plasma pinch when the device is in use. Optionally, nozzles may be used to supply the material. The cathode and/or anode may form a flat surface. The trajectories of the material may be elongated. A laser may be used to cause the discharge more easily. The laser may be directed on the anode of cathode or on a separate material located in between the anode and cathode.

Figure 3a