

Title (en)

EUV RADIATION GENERATING DEVICE AND OPERATING METHOD THEREFOR

Title (de)

EUV-STRAHLUNGSERZEUGUNGSVORRICHTUNG UND BETRIEBSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF DE GÉNÉRATION D'UN RAYONNEMENT EUV ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER LEDIT DISPOSITIF

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Application

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Abstract (en)

[origin: US2014084186A1] The invention relates to extreme ultraviolet “EUV” radiation generating systems that include a vacuum chamber where a target material can be positioned at a target position for generation of EUV radiation, and a beam guiding chamber for guiding a laser beam from a driver laser device towards the target position. The EUV radiation generating apparatus includes an intermediate chamber which is arranged between the vacuum chamber and the beam guiding chamber, a first window which seals the intermediate chamber in a gas-tight manner for entry of the laser beam from the beam guiding chamber and a second window which seals the intermediate chamber in a gas-tight manner for exit of the laser beam into the vacuum chamber. The invention also relates to a method for operating the EUV radiation generating apparatus.

IPC 8 full level

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