

Title (en)

APPARATUS AND A METHOD FOR OPERATING A VARIABLE PRESSURE SEALED BEAM LAMP

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BETRIEB EINER DRUCKVARIABLEN SEALED-BEAM-LAMPE

Title (fr)

APPAREIL ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UNE LAMPE À FAISCEAU SCELLÉE À PRESSION VARIABLE

Publication

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Application

EP 17794880 A 20171025

Priority

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- US 2017058216 W 20171025

Abstract (en)

[origin: WO2018081220A1] An apparatus and a method for operating a sealed high intensity illumination lamp configured to receive a laser beam from a laser light source. The lamp includes a sealed chamber configured to contain an ionizable medium having a plasma sustaining region, and a plasma ignition region. A high intensity light egress window emits high intensity light from the chamber. A substantially flat ingress window located within a wall of the chamber admits the laser beam into the chamber. The lamp includes means for controlled increasing and decreasing a pressure level within the sealed chamber while the lamp is producing the high intensity illumination.

IPC 8 full level

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Citation (search report)

See references of WO 2018081220A1

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