

Title (en)

LASER DEVICE AND METHOD FOR OPERATING IT

Title (de)

LASEREINRICHTUNG UND BETRIEBSVERFAHREN HIERFÜR

Title (fr)

SYSTÈME LASER ET PROCÉDÉ POUR SA CONDUITE

Publication

EP 2269276 A1 20110105 (DE)

Application

EP 09731595 A 20090319

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Abstract (en)

[origin: WO2009127490A1] The invention relates to a method for operating a laser device (26) which has a laser-active solid body (44) with a passive Q-switch (46). According to the invention, the laser device (26) is acted on by pumped light (60) such that a predefinable time profile of the inversion density (ni) is produced in the laser-active solid body (44), as a result of which the time response, in particular, is controlled in a particularly precise manner when passively Q-switched laser pulses (24) are generated.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009127490A1

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