

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**

Priority

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- DE 102008001239 A 20080417

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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**DE 102008001239 A1 20091022**; EP 2269276 A1 20110105; US 2011259291 A1 20111027; US 8656879 B2 20140225; WO 2009127490 A1 20091022

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