

Title (en)

METHOD AND DEVICE FOR EMITTING A LASER BEAM IN A HOUSING

Title (de)

VERFAHREN UND VORRICHTUNG ZUR EMISSION EINES LASERSTRAHLS IN EINEM GEHÄUSE

Title (fr)

PROCEDE ET DISPOSITIF D'EMISSION D'UN FAISCEAU LASER DANS UN BOITIER

Publication

EP 2652845 A1 20131023 (FR)

Application

EP 11811105 A 20111213

Priority

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- FR 2011052970 W 20111213

Abstract (en)

[origin: WO2012080652A1] The invention relates to a device for emitting a laser beam, which comprises, in a housing (320): a component (345) emitting a laser beam and being mounted on a base (305); a heat-dissipating component (330) for dissipating the heat produced by the laser of the laser-emitting component and to which the base of the emitter component is secured, the heat-dissipating component having a positioning mark (310) and at least three holes for centring pins machined together with the positioning mark; at least one collimating lens (365); and a lens mounting (335) suitable for holding said lens opposite the component emitting the laser beam, said lens mounting being positioned relative to the heat-dissipating component by means of at least three centring pins (315) positioned in the holes of the heat-dissipating component.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012080652A1

Citation (examination)

- US 5521763 A 19960528 - ONO SATORU [JP], et al
- US 5301060 A 19940405 - NIIKAWA TETSUJI [JP], et al
- EP 0766116 A2 19970402 - CANON KK [JP]

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DOCDB simple family (application)

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