

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

- FR 1060587 A 20101215
- 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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