

Title (en)

LASER DEVICE FOR DIRECTING A LASER BEAM

Title (de)

LASERVORRICHTUNG ZUR AUSRICHTUNG EINES LASERSTRAHLS

Title (fr)

DISPOSITIF LASER POUR L'ORIENTATION D'UN FAISCEAU LASER

Publication

EP 4161727 A1 20230412 (EN)

Application

EP 21733040 A 20210527

Priority

- BE 202005414 A 20200609
- IB 2021054638 W 20210527

Abstract (en)

[origin: WO2021250500A1] Laser device for directing a laser beam in a laser trajectory comprising an input trajectory, an intermediate trajectory and an output trajectory, the laser device comprising: an input tube configured to receive the laser beam and cause the laser beam to travel the input trajectory; a first mirror system configured to direct the laser beam from the input trajectory to the intermediate trajectory; an output tube configured to guide the laser beam out of the laser device wherein the laser beam travels the output trajectory, wherein the output tube is movable relative to the input tube between at least a first position wherein the output trajectory is a first output trajectory and a second position wherein the output trajectory is a second output trajectory; a mirror holder configured to move upon movement of the output tube, and a second mirror system mounted to the mirror holder, wherein the mirror holder is configured to position the second mirror system to direct the laser beam from the intermediate trajectory to the first output trajectory at least when the output tube is in the first position.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2021250500A1

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Designated extension state (EPC)

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