

Title (en)

METHOD FOR MEASURING A MEASUREMENT DISTANCE BETWEEN A ROTATING LASER AND A LASER RECEIVER

Title (de)

VERFAHREN ZUM MESSEN EINER MESSENTFERNUNG ZWISCHEN EINEM ROTATIONSLASER UND EINEM LASEREMPFÄNGER

Title (fr)

PROCÉDÉ DE MESURE D'UNE DISTANCE DE MESURE ENTRE UN LASER ROTATIF ET UN RÉCEPTEUR DE FAISCEAU LASER

Publication

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Application

EP 16798775 A 20161123

Priority

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- EP 2016078484 W 20161123

Abstract (en)

[origin: WO2017093085A1] The invention relates to a method for measuring a measurement distance (DH) between a rotating laser (11), which emits a first laser beam (22) that can be rotated about a rotational axis (21) and/or a stationary second laser beam (23), and a laser receiver (12), which has a detection field (18) with a measurement function. The rotating laser (11) is inclined in a direction of inclination by an angle of inclination. The position of incidence of the inclined laser beam on the detection field (18) of the laser receiver (12) is determined as a measurement point. The distance between the measurement point and a null position of the detection field (18) is stored as the height, and the measurement distance (DH) between the rotating laser (11) and the laser receiver (12) is determined using the angle of inclination and the height.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017093085A1

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