

Title (en)

LIDAR DEVICE AND METHOD HAVING SIMPLIFIED DETECTION

Title (de)

LIDAR-VORRICHTUNG UND VERFAHREN MIT VEREINFACHTER DETEKTION

Title (fr)

SYSTÈME LIDAR ET PROCÉDÉ PERMETTANT UNE DÉTECTION SIMPLIFIÉE

Publication

EP 3622316 A1 20200318 (DE)

Application

EP 18718461 A 20180418

Priority

- DE 102017208047 A 20170512
- EP 2018059942 W 20180418

Abstract (en)

[origin: WO2018206251A1] The invention relates to a LIDAR device for scanning a scanning region by means of at least one beam, having at least one beam source for generating the at least one beam, having a mirror for deflecting the at least one generated beam in the direction of the scanning region and having a detector mirror for deflecting at least one beam reflected on an object to a defined region of a detector, wherein the mirror and the detector mirror are rotatably arranged about a vertical rotation axis on a rotor and wherein the detector mirror bundles the at least one reflected beam on the detector. The invention further relates to a method for operating a LIDAR device.

IPC 8 full level

G01S 7/481 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2018206251A1

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DE 102017208047 A1 20181115; CN 110622031 A 20191227; EP 3622316 A1 20200318; JP 2020519894 A 20200702; JP 7035085 B2 20220314; KR 20200006999 A 20200121; US 11486974 B2 20221101; US 2020132816 A1 20200430; WO 2018206251 A1 20181115

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