

Title (en)

OPTOELECTRONIC SENSOR DEVICE, PARTICULARLY LASER SCANNER, WITH AN ADAPTED RECEIVING UNIT FOR OPTIMIZED RECEPTION LEVEL REDUCTION

Title (de)

OPTOELEKTRONISCHE SENSOREINRICHTUNG, INSBESONDERE LASERSCANNER, MIT EINER ANGEPASSTEN EMPFANGSEINHEIT ZUR OPTIMIERTEN EMPFANGSPEGELREDUZIERUNG

Title (fr)

DISPOSITIF DE DÉTECTION OPTOÉLECTRONIQUE, EN PARTICULIER SCANNEUR À LASER, COMPORTANT UNE UNITÉ DE RÉCEPTION ADAPTÉE POUR UNE RÉDUCTION OPTIMISÉE DU NIVEAU DE RÉCEPTION

Publication

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Application

**EP 13712214 A 20130322**

Priority

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- EP 2013056032 W 20130322

Abstract (en)

[origin: WO2013149852A1] The invention relates to an optoelectronic sensor device (1) for a motor vehicle, for detecting objects located in an environment of the motor vehicle, with a transmitting unit (2) for emitting an optical transmission signal (5), with a receiving unit (7) for receiving a reception signal (8), which is the transmission signal (5) reflected from an object, wherein the receiving unit (7) has at least two receiving elements (9, 10, 11) arranged distributed along a distribution direction (12) and a receiving optical unit (13), particularly a receiving lens, which is upstream of the receiving elements (9, 10, 11) in the propagation direction (14) of the reception signal (8), with a holding device (22) for holding the receiving optical unit (13) and with a diaphragm (21, 21') for reducing the intensity of the reception signal (8), the diaphragm (21, 21') being held on the holding device (22).

IPC 8 full level

**G01S 17/04** (2020.01)

CPC (source: CN EP KR US)

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Citation (search report)

See references of WO 2013149852A1

Citation (examination)

- DE 4215817 C1 19930311
- DE 29913513 U1 19991125 - LEUZE ELECTRONIC GMBH & CO [DE]

Designated contracting state (EPC)

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