

Title (en)  
VEHICLE LIDAR SYSTEM

Title (de)  
FAHRZEUG-LIDAR-SYSTEM

Title (fr)  
SYSTÈME DE LIDAR DE VÉHICULE

Publication  
**EP 3155450 A1 20170419 (DE)**

Application  
**EP 15725007 A 20150526**

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Abstract (en)  
[origin: WO2015189025A1] The invention relates to a vehicle lidar system (101) comprising: • a pulsed laser (103) for emitting laser pulses, • at least one displaceably mounted mirror (105) for deflecting the laser pulses towards objects to be detected (109), • a receiver (111) for detecting the laser pulses reflected by the objects, wherein • the receiver comprises a CMOS-compatible image sensor (113) for detecting the reflected laser pulses and capturing an image of a region that can be illuminated by the deflected laser pulses. The invention also relates to a use of the vehicle lidar system.

IPC 8 full level  
**G01S 17/89** (2020.01); **G01S 7/481** (2006.01); **G01S 7/4861** (2020.01); **G01S 17/10** (2020.01); **G01S 17/42** (2006.01); **G01S 17/931** (2020.01); **H01L 27/146** (2006.01)

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Citation (search report)  
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