

Title (en)  
LIDAR MEASURING SYSTEM HAVING TWO LIDAR MEASURING DEVICES

Title (de)  
LIDAR-MESSSYSTEM MIT ZWEI LIDAR-MESSVORRICHTUNGEN

Title (fr)  
SYSTÈME DE MESURE LIDAR COMPRENANT DEUX DISPOSITIFS DE MESURE LIDAR

Publication  
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Application  
**EP 20734357 A 20200619**

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Abstract (en)  
[origin: WO2021023423A1] The invention relates to a LiDAR measuring system (12) for detecting an object (14) in an environment (16) of a vehicle (10), comprising a first LiDAR measuring device (22) designed for scanning a first field of view (18) with a first vertical resolution, and a second LiDAR measuring device (24) designed for scanning a second field of view (20) with a second vertical resolution, wherein the second field of view lies in a vertical direction within the first field of view and includes a region of a road (15) in front of the vehicle, and the second vertical resolution is higher than the first vertical resolution. The invention also relates to a vehicle (10) comprising a LiDAR measuring system (12) and a method for detecting an object (14) in an environment (16) of a vehicle (10).

IPC 8 full level  
**G01S 17/86** (2020.01); **G01S 7/481** (2006.01); **G01S 17/87** (2020.01); **G01S 17/89** (2020.01); **G01S 17/894** (2020.01); **G01S 17/931** (2020.01)

CPC (source: CN EP IL KR US)  
**G01S 7/4815** (2013.01 - EP IL KR US); **G01S 7/4816** (2013.01 - EP IL KR); **G01S 7/4817** (2013.01 - CN US); **G01S 7/4972** (2013.01 - US); **G01S 17/86** (2020.01 - EP IL KR); **G01S 17/87** (2013.01 - EP IL KR); **G01S 17/89** (2013.01 - EP IL KR); **G01S 17/894** (2020.01 - US); **G01S 17/931** (2020.01 - CN EP IL KR US)

Citation (search report)  
See references of WO 2021023423A1

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