

Title (en)  
SYSTEM AND METHOD FOR OBSTACLE-FREE DRIVING

Title (de)  
SYSTEM UND VERFAHREN ZUM HINDERNISFREIEN FAHREN

Title (fr)  
SYSTÈME ET PROCÉDÉ DE CONDUITE SANS OBSTACLE

Publication  
**EP 4274770 A1 20231115 (EN)**

Application  
**EP 21938463 A 20210430**

Priority  
CN 2021091451 W 20210430

Abstract (en)  
[origin: WO2022226989A1] An apparatus (220) and a method for object detection in a reflective surface (101) is provided. The disclosure relates to a self-driving vehicle comprising the apparatus (220) for operating the vehicle according to the method for automated driving support. The apparatus (220) comprises at least one processor (225) configured to : receive a sequence of input image frames; detect a reflective surface (101) in the sequence of input image frames; perform object detection within the detected reflective surface (101); and allocate one or more detected objects (570) for specifying an object trajectory. The method comprises: receiving a sequence of input image frames; detecting a reflective surface (101) in the sequence of input image frames; performing object detection within the detected reflective surface (101); allocating one or more detected objects (570) for specifying an object trajectory. The self-driving vehicle comprises the apparatus (220) for detecting object trajectory. The self-driving vehicle comprises the apparatus (220) for detecting objects (570) within a reflective surface (101) for operating the vehicle according to the method for detecting objects (570) within a reflective surface (101) for automated driving support.

IPC 8 full level  
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