

Title (en)  
DEVICE AND METHOD FOR THE DETERMINATION OF THE CLEARANCE IN FRONT OF A VEHICLE

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM BESTIMMEN EINES FREIRAUMS VOR EINEM FAHRZEUG

Title (fr)  
DISPOSITIF ET PROCÉDÉ POUR DÉTERMINER UN ESPACE LIBRE DEVANT UN VÉHICULE

Publication  
**EP 2021975 A1 20090211 (DE)**

Application  
**EP 07722345 A 20070503**

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• DE 102006060893 A 20061222

Abstract (en)  
[origin: WO2007131470A1] The invention relates to a device (14) for the determination of the clearance in front of a vehicle (10), comprising: - a sensor (16) with an imaging means which is designed to take a picture of the observation region (22) in front of the vehicle (10); - an image processing unit (18) which is designed to process the picture that has been taken in order to obtain a processing image in which the edges of the picture are marked in the picture; - and a pattern recognition unit (20) which is designed to define, as the clearance in front of the vehicle (10), that portion of the observation region (22) which, starting on an area free of edges in the processing image, corresponds to a lower picture edge of the picture.

IPC 8 full level  
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Citation (search report)  
See references of WO 2007131470A1

Citation (examination)  
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