

Title (en)  
METHOD FOR DISPLAYING PARKING SPACES

Title (de)  
VERFAHREN ZUR ANZEIGE VON PARKPLÄTZEN

Title (fr)  
PROCÉDÉ POUR AFFICHER DES PLACES DE STATIONNEMENT

Publication  
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Application  
**EP 14710846 A 20140312**

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Abstract (en)  
[origin: CA2905226A1] The invention relates to a method for displaying free and preferably also occupied parking space regions on a display device, wherein at least one camera supplies image indications of parking space regions. The geographic coordinates of a car park area located in the visual range of the camera are stored in a recognition unit. On the basis of the image indications, the recognition unit assigns each of the parking space regions inside the car park area a respective occupation status that indicates whether a respective parking space region is free or occupied. The recognition unit calculates the dimensions of a free parking space region at least in the longitudinal direction thereof ("size value") from the supplied image indications. The recognition unit provides the respective occupation status of at least the free parking space regions along with the associated geographical coordinates to a transmission unit, and the transmission unit transmits the respective occupation status of at least the free parking space regions along with the associated geographic coordinates and the associated calculated size values to the display device. The invention further relates to a system comprising at least a camera, a recognition unit, a transmission unit and a display device, as well as to a data carrier having a computer program that can be executed on a recognition unit according to the invention. Finally the invention further relates to a recognition unit that can be used in accordance with the invention.

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Citation (examination)  
• US 2003074129 A1 20030417 - CURBOW DAVID [US], et al  
• US 2008291054 A1 20081127 - GROFT ERIC [US]  
• US 6927700 B1 20050809 - QUINN JOSEPH P [US]  
• US 2012130872 A1 20120524 - BAUGHMAN AARON K [US], et al  
• See also references of WO 2014140109A1

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