

Title (en)

DEVICE AND METHOD FOR DETERMINING AN OCCUPIED STATE OF A PARKING SPACE OF A PARKING AREA, AND PARKING AREA

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ERFASSEN EINES BELEGUNGSZUSTANDS EINER PARKFLÄCHE EINES PARKPLATZES SOWIE PARKPLATZ

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR DÉTECTER L'ÉTAT D'OCCUPATION D'UNE PLACE DE STATIONNEMENT D'UN PARC DE STATIONNEMENT, AINSI QU'UN PARC DE STATIONNEMENT

Publication

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Application

EP 17707232 A 20170222

Priority

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Abstract (en)

[origin: WO2017144549A1] The invention relates to a device for determining an occupied state of a parking space of a parking area, comprising: - a light for one or for a plurality of lighting means, - a parking space occupation detector integrated into the light, for determining an occupied state of a parking space of the parking area, - a motion sensor integrated into the light, for monitoring surroundings of the parking space, and - a control device integrated into the light, for controlling an operating state of at least one of the one or the plurality of lighting means and the parking space occupation detector, depending on the monitoring procedure. The invention also relates to a corresponding method, and to a corresponding parking area for motor vehicles.

IPC 8 full level

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CPC (source: EP)

G08G 1/142 (2013.01); **G08G 1/146** (2013.01)

Citation (examination)

DE 102011052373 A1 20130207 - DATACOLLECT TRAFFIC SYSTEMS GMBH [DE]

Citation (opposition)

Opponent : Maiwald GmbH

- US 2014375206 A1 20141225 - HOLLAND ANTHONY [CA], et al
- DE 102005034372 A1 20070201 - SIEMENS AG [DE]
- EP 2500888 A1 20120919 - KAPSCH TRAFFICOM AG [AT]
- US 2012280793 A1 20121108 - FAYFIELD ROBERT T [US], et al
- US 2003169183 A1 20030911 - KOREPANOV VALERY Y [UA], et al
- WO 2013016453 A2 20130131 - IPS GROUP INC [US], et al
- WO 2013017667 A1 20130207 - DATACOLLECT TRAFFIC SYSTEMS GMBH [DE], et al
- US 6154150 A 20001128 - LAUBACH DANIEL J [US]
- US 2006179671 A1 20060817 - GHATAK SUDIP [US]
- US 2015145698 A1 20150528 - WERNER WALTER [AT], et al

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