

Title (en)
SENSOR DEVICE AND METHOD FOR MONITORING A STATE OF OCCUPATION OF A PARKING SPACE OF THE PARKING AREA AND PARKING AREA

Title (de)
SENSORVORRICHTUNG UND VERFAHREN ZUM ÜBERWACHEN EINES BELEGUNGSZUSTANDS EINES STELLPLATZES EINES PARKPLATZES SOWIE PARKPLATZ

Title (fr)
DISPOSITIF DE DÉTECTION, PROCÉDÉ DE SURVEILLANCE D'UN ÉTAT D'OCCUPATION D'UN EMPLACEMENT DE STATIONNEMENT D'UN PARC DE STATIONNEMENT ET PARC DE STATIONNEMENT

Publication
EP 3446297 B1 20200226 (DE)

Application
EP 17710685 A 20170306

Priority
• DE 102016206871 A 20160422
• EP 2017055160 W 20170306

Abstract (en)
[origin: WO2017182189A1] The invention relates to a sensor device for monitoring a state of occupation of a parking space of a parking area for motor vehicles, comprising: at least one parking space sensor for monitoring the state of occupation of a parking space of a parking area, a first electrical energy store for supplying electrical energy to the at least one parking space sensor, and a first circuit is formed in which the at least one parking space sensor and the first electrical energy store are connected, a detection device for detecting an interruption in the first circuit, a communication interface which is connected into a second circuit and has the purpose of transmitting a signal via a communication network when an interruption in the first circuit is detected, wherein the signal comprises the information that the first circuit is interrupted, wherein a second electrical energy store for supplying electrical energy to the communication circuit is connected in the second circuit. The invention also relates to a corresponding method and to a parking area for motor vehicles.

IPC 8 full level
G08B 13/14 (2006.01); **G08G 1/14** (2006.01)

CPC (source: EP US)
G08B 13/149 (2013.01 - EP); **G08G 1/14** (2013.01 - EP); **G08G 1/146** (2013.01 - US); **G08B 29/046** (2013.01 - EP); **G08B 29/181** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2017182189 A1 20171026; CN 109074711 A 20181221; DE 102016206871 A1 20171026; EP 3446297 A1 20190227; EP 3446297 B1 20200226; US 10872529 B2 20201222; US 2020349840 A1 20201105

DOCDB simple family (application)
EP 2017055160 W 20170306; CN 201780025092 A 20170306; DE 102016206871 A 20160422; EP 17710685 A 20170306; US 201716095075 A 20170306