

Title (en)

SELF-CONTAINED MODULE FOR DETECTING THE PRESENCE OF A VEHICLE IN A PARKING SPACE

Title (de)

AUTONOMES MODUL ZUR ERKENNUNG DER PRÄSENZ EINES FAHRZEUGS AUF EINEM PARKPLATZ

Title (fr)

MODULE AUTONOME DE DÉTECTION DE PRÉSENCE D'UN VÉHICULE SUR UN EMPLACEMENT DE STATIONNEMENT

Publication

EP 3539114 A1 20190918 (FR)

Application

EP 17805120 A 20171109

Priority

- FR 1660867 A 20161109
- EP 2017078727 W 20171109

Abstract (en)

[origin: WO2018087212A1] The invention relates to a module (10) for detecting the presence of a vehicle in a parking space (12), the module being designed to be buried in the ground (14) of the parking space and comprising: - a presence detector (20) designed to detect the presence of a vehicle in the parking space and - a power generator (30) designed to supply power to at least the presence detector (20), comprising at least one thermoelectric generator module (32) designed to convert a difference between a temperature of the air and a temperature of the ground at a predetermined depth in the ground into energy.

IPC 8 full level

G08G 1/14 (2006.01); **G08G 1/042** (2006.01)

CPC (source: EP)

G08G 1/042 (2013.01); **G08G 1/14** (2013.01); **G08G 1/146** (2013.01)

Citation (search report)

See references of WO 2018087212A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3058553 A1 20180511; FR 3058553 B1 20210101; EP 3539114 A1 20190918; WO 2018087212 A1 20180517

DOCDB simple family (application)

FR 1660867 A 20161109; EP 17805120 A 20171109; EP 2017078727 W 20171109