

Title (en)

METHOD FOR DETECTING A PARKING SPACE BECOMING AVAILABLE BY WAY OF AN ASSISTANCE SYSTEM COMPRISING A RADAR SENSOR, AND ASSISTANCE SYSTEM AND MOTOR VEHICLE

Title (de)

VERFAHREN ZUM ERKENNEN EINES FREI WERDENDEN PARKPLATZES DURCH EIN ASSISTENZSYSTEM MIT EINEM RADARSENSOR, SOWIE ASSISTENZSYSTEM UND KRAFTFAHRZEUG

Title (fr)

PROCÉDÉ POUR L'IDENTIFICATION D'UN EMPLACEMENT DE STATIONNEMENT SE LIBÉRANT PAR UN SYSTÈME D'ASSISTANCE COMPRENANT UN CAPTEUR RADAR, ET SYSTÈME D'ASSISTANCE ET VÉHICULE À MOTEUR

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Application

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Abstract (en)

[origin: WO2020259986A1] The invention relates to a method for detecting a parking space (4) becoming available by way of an assistance system (5) of a vehicle (2) searching for a parking space (4), in which radar signals are emitted by at least one radar sensor (7) of the vehicle (2) searching for the parking space (4) and whether a parking space (4) is becoming available is recognized on the basis of received radar signals, which are received by the vehicle (2) and evaluated by an evaluation unit (9) of the vehicle (2), wherein micro-movements of a vehicle (6) parked in a parking space (4), which can at least characterize the vacating of the parking space (4), are detected by evaluating the radar signals reflected by this parked vehicle (6) and received by the vehicle (2) searching for a parking space (4), wherein the parking space (4) becoming available is at least suspected by the assistance systems (5) on the basis of such a detection of a micro-movement. The invention also relates to an assistance system (5) and a motor vehicle (2).

IPC 8 full level

G01S 7/41 (2006.01); **G01S 13/86** (2006.01); **G01S 13/931** (2020.01); **G08G 1/14** (2006.01)

CPC (source: CN EP US)

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