

Title (en)

METHOD AND DEVICE FOR DETECTING AT LEAST ONE VEHICLE

Title (de)

VERFAHREN UND EINRICHTUNG ZUM ERFASSEN VON MINDESTENS EINEM FAHRZEUG

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE DETECTER AU MOINS UN VEHICULE

Publication

**EP 1346334 A1 20030924 (DE)**

Application

**EP 01998950 A 20011120**

Priority

- AT 0100366 W 20011120
- AT 19952000 A 20001128

Abstract (en)

[origin: WO0245047A1] The invention relates to a method for detecting at least one vehicle or road user in public traffic areas (1), especially for detecting an automobile (2) on toll express ways and/or high-speed roads, and to a device for carrying out this method. Parameters such as the data for identifying the vehicle (2) or the driver or vehicle owner are input into and stored in a data processing and communications unit (3) which is provided in the vehicle (2), and the road network data, especially the co-ordinates, are stored in the same. While the vehicle (2) is moving, the co-ordinates for the vehicle position, obtained by means of a navigation system (5), are acquired by the data processing and communications unit (3) and compared with the parameters that are stored in the data processing and communications unit (3), such as the data relating to the road network. Defined parameters, such as especially, data for identifying the vehicle (2), and data for the vehicle position are transmitted to a data processing system in a central control system (4) via a wireless radio link (6). The data acquired in the data processing and communications unit (3), relating to the vehicle position, optionally with times, combined with the vehicle data form the basis for a bill, for example for sections of roads where tolls are payable, such as express ways.

IPC 1-7

**G08G 1/0968**; G08G 1/01; G07C 5/00; G07B 15/00

IPC 8 full level

**G07B 15/06** (2011.01); **G08G 1/01** (2006.01); **G08G 1/0968** (2006.01); **G08G 1/123** (2006.01)

CPC (source: EP)

**G07B 15/063** (2013.01); **G08G 1/0104** (2013.01); **G08G 1/017** (2013.01); **G08G 1/207** (2013.01)

Citation (search report)

See references of WO 0245047A1

Cited by

CN106448054A; CN104103114A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0245047 A1 20020606**; AT 411941 B 20040726; AT A19952000 A 20031215; AT E316675 T1 20060215; AU 1805402 A 20020611; DE 50108815 D1 20060413; EP 1346334 A1 20030924; EP 1346334 B1 20060125

DOCDB simple family (application)

**AT 0100366 W 20011120**; AT 01998950 T 20011120; AT 19952000 A 20001128; AU 1805402 A 20011120; DE 50108815 T 20011120; EP 01998950 A 20011120