Title (en)

Toll control method, toll control devices and toll system with such toll control devices

Title (de)

Mautkontrollverfahren und Mautkontrolleinrichtungen sowie Mautsystem mit derartigen Mautkontrolleinrichtungen

Title (fr)

Procédé de contrôle de péage et installations de contrôle de péage ainsi que le système de péage doté des installations de contrôle de péage de ce type

Publication

EP 2690601 A3 20171004 (DE)

Application

EP 13075047 A 20130723

Priority

DE 102012014870 A 20120723

Abstract (en)

[origin: EP2690601A2] The second vehicle (20) is made to automatically generate a control information representative of driving of vehicle on road (30) and to take the picture of first vehicle (10). The text data of vehicle registration plate of the first vehicle is used to determine vehicle identifier associated with a vehicle apparatus (100). The toll information of vehicle device and control information of second vehicle are compared with text data of registration plate. During failure of comparison process, the text data of vehicle license number of the first vehicle is determined. Independent claims are included for the following: (1) a central controller of toll system; (2) a decentralized controller of vehicle; and (3) a toll system.

IPC 8 full level (invention and additional information)

G07B 15/06 (2011.01)

CPC (invention and additional information)

G07B 15/063 (2013.01)

Citation (search report)

- [YA] EP 2312536 A1 20110420 - KAPSCH TRAFFICCOM AG [AT]
- [YA] EP 1783692 A2 20070509 - SIEMENS AG [DE]
- [A] DE 102007035738 A1 20090205 - BOSCH GMBH ROBERT [DE]
- [A] WO 0111572 A1 20010215 - MANNESMANN AG [DE], et al

Cited by

DE102016109148A1

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

EPO simple patent family

EP 2690601 A2 20140129; EP 2690601 A3 20171004; EP 2690602 A2 20140129; EP 2690602 A3 20171004

INPADOC legal status

2018-05-16 [17P] REQUEST FOR EXAMINATION FILED
- Effective date : 20180404

2018-05-16 [RBV] DESIGNATED CONTRACTING STATES (CORRECTION)
- Designated State(s) : 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

2017-10-04 [AK] DESIGNATED CONTRACTING STATES:
- Kind Code of Ref Document : A3
- Designated State(s) : 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

2017-10-04 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Countries : BA ME

2017-10-04 [RIC1] CLASSIFICATION (CORRECTION)
- IPC : G07B 15/06 20110101AFI20170831BHEP

2014-01-29 [AK] DESIGNATED CONTRACTING STATES:
- Kind Code of Ref Document : A2
- Designated State(s) : 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

2014-01-29 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Countries : BA ME