

Title (en)

Method for automatic billing in a fee or toll charging system

Title (de)

Verfahren zur automatischen Abrechnung in einem Gebührenerhebungs- oder Mautsystem

Title (fr)

Procédé de calcul automatisé d'un système d'inventaire de taxes ou de péage

Publication

**EP 2184716 A3 20130522 (DE)**

Application

**EP 09174461 A 20091029**

Priority

DE 102008043479 A 20081105

Abstract (en)

[origin: EP2184716A2] The method involves transmitting an acoustic or optical signal (13,14) or a message (15) by the vehicle-based device during approach or passing a toll system boundary (10) of the toll system (12) or with disconnection or detachment of the vehicle-based device from the power supply. The message is transmitted to a central system of the toll charging or a toll system. An independent claim is included for a vehicle-based device with software for producing signals.

IPC 8 full level

**G07B 15/00** (2011.01); **G07B 15/06** (2011.01)

CPC (source: EP)

**G07B 15/063** (2013.01)

Citation (search report)

- [XII] WO 02061691 A1 20020808 - DAIMLER CHRYSLER AG [DE], et al
- [XII] EP 1804216 A1 20070704 - SIEMENS AG [DE]
- [XII] WO 2008001647 A1 20080103 - MITSUBISHI HEAVY IND LTD [JP], et al & EP 2034448 A1 20090311 - MITSUBISHI HEAVY IND LTD [JP]
- [XII] DE 19614135 A1 19961017 - NIPPON DENSO CO [JP]

Cited by

CN102891722A; WO2012151932A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**EP 2184716 A2 20100512; EP 2184716 A3 20130522; EP 2184716 B1 20200603**; DE 102008043479 A1 20100506

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