

Title (en)

METHOD AND DEVICE FOR PROVIDING DATA FOR TOLL CHARGING AND TOLL SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEREITSTELLUNG VON DATEN ZUR MAUTERHEBUNG UND MAUTSYSTEM

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FOURNITURE DE DONNÉES POUR LA PERCEPTION DE PÉAGE ET SYSTÈME DE PÉAGE

Publication

EP 2994890 B1 20210127 (DE)

Application

EP 14724012 A 20140425

Priority

- DE 102013208470 A 20130508
- EP 2014058512 W 20140425

Abstract (en)

[origin: WO2014180685A1] The invention relates to a method and device for providing data for toll charging and to a toll system. To provide the data for toll charging, a collision-free checksum is determined for each vehicle depending on a predefined set of acquired position data values. Each set of acquired position data values is then stored together with the associated checksum in a predefined manner. When the vehicle passes a predefined toll marker (40), a first data set, which comprises at least one of the stored checksums, is sent to the respective toll marker (40). In response to a predefined read-out signal and/or at predefined time intervals, at least some of the stored position data values are provided together with the associated checksums in a predefined manner at a predefined communication interface.

IPC 8 full level

G07B 15/06 (2011.01)

CPC (source: EP)

G07B 15/063 (2013.01)

Citation (examination)

US 2012265583 A1 20121018 - NAMDAR NADER [AT]

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

DOCDB simple family (publication)

DE 102013208470 A1 20141113; EP 2994890 A1 20160316; EP 2994890 B1 20210127; WO 2014180685 A1 20141113

DOCDB simple family (application)

DE 102013208470 A 20130508; EP 14724012 A 20140425; EP 2014058512 W 20140425