

Title (en)  
Device and method for creating toll data from anonymous locations

Title (de)  
Verfahren und Vorrichtung zum Erzeugen von ortsanonymisierten Mautdaten

Title (fr)  
Procédé et dispositif de production de données de péage à position rendue anonyme

Publication  
**EP 2381425 B1 20120509 (DE)**

Application  
**EP 11005131 A 20091030**

Priority  
EP 09450207 A 20091030

Abstract (en)  
[origin: EP2320386A1] The method involves transmitting location records from a thin-client onboard unit (1) to a toll calculation server (5) under a source identifier (RID) e.g. random value. Location anonymous toll data (T) is calculated from the records, and subsequently the records in the server are deleted. A waiting process is carried out for a preset time span (11) or for authorization of the server by the subsequent deletion processes. An identifier (OID) e.g. vehicle device identifier, associated to the source identifier is released from the unit for associating the data to the associated identifier. Independent claims are also included for the following: (1) a toll calculation server for performing a method for creating location anonymous toll data from location records of a vehicle device in a road toll system (2) a vehicle device for performing a method for creating location anonymous toll data from location records of a vehicle device in a road toll system.

IPC 8 full level  
**G07B 15/00** (2011.01); **G07B 15/06** (2011.01); **G07C 5/00** (2006.01)

CPC (source: EP)  
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DOCDB simple family (publication)  
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