

Title (en)  
INFRASTRUCTURE-ASSISTED SYSTEM FOR CHARGING TOLLS USING AN ON-BOARD UNIT THAT IS INTEGRATED INTO A VEHICLE

Title (de)  
SYSTEM ZUR INFRASTRUKTURGESTÜTZTEN MAUTERHEBUNG MIT EINER IM FAHRZEUG INTEGRIERTEN ON-BOARD-UNIT

Title (fr)  
SYSTEME DE PEAGE SUPPORTE PAR UNE INFRASTRUCTURE COMPRENANT UNE UNITE EMBARQUEE QUI EST INTEGREE DANS LE VEHICULE

Publication  
**EP 1941463 A1 20080709 (DE)**

Application  
**EP 06806953 A 20061004**

Priority  
• EP 2006067018 W 20061004  
• DE 102005048351 A 20051010

Abstract (en)  
[origin: WO2007042433A1] The invention relates to an infrastructure-assisted system for charging tolls using an on-board unit that is integrated into a vehicle. In said system, at least one sub-function of the tamper-proof on-board unit is located in another unit, which is in turn connected to the tamper-proof on-board unit that comprises the core functions via an interface, and which communicates with the on-board unit by means of a preferably standardised message directory.

IPC 8 full level  
**G07B 15/06** (2011.01)

CPC (source: EP US)  
**G07B 15/063** (2013.01 - EP US); **G07C 5/085** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007042433A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102005048351 A1 20070412**; CN 101283380 A 20081008; CN 101283380 B 20111221; EP 1941463 A1 20080709; JP 2009512043 A 20090319; RU 2008117833 A 20091120; RU 2453923 C2 20120620; US 2010001057 A1 20100107; WO 2007042433 A1 20070419

DOCDB simple family (application)  
**DE 102005048351 A 20051010**; CN 200680037704 A 20061004; EP 06806953 A 20061004; EP 2006067018 W 20061004; JP 2008534989 A 20061004; RU 2008117833 A 20061004; US 99220706 A 20061004