

Title (en)

Assembly for the payment of fees for the use of tollroads

Title (de)

Mehrteilige Vorrichtung zur Abrechnung von Entgelt für die Benutzung mautpflichtiger Verkehrswege

Title (fr)

Ensemble pour le paiement de taxes d'usage pour l'utilisation de routes à péage

Publication

**EP 1197925 A3 20040331 (DE)**

Application

**EP 01120201 A 20010823**

Priority

DE 10046166 A 20000919

Abstract (en)

[origin: DE10046166A1] A communications device (CommD) (21) in a vehicle (20) links to a communications system (25) in a toll system (24) and/or to a GPS system (23) to identify use of a toll road directly or via an electronic road map (ERM) (26) stored in the vehicle. The CommD gets a message about the level of toll to be paid or picks up this information from the ERM. The CommD uses a chip card device (22) in the vehicle to exchange data from a memory in a chip card (1) with a control circuit.

IPC 1-7

**G07F 7/08**; **G07B 15/00**

IPC 8 full level

**G07B 15/06** (2011.01); **G07F 7/08** (2006.01)

CPC (source: EP)

**G07B 15/063** (2013.01); **G07F 7/0866** (2013.01)

Citation (search report)

- [Y] WO 0010133 A2 20000224 - MANNESMANN AG [DE], et al
- [Y] GB 2324898 A 19981104 - PLESSEY TELECOMM [GB]
- [A] DE 4334152 A1 19941201 - MANNESMANN AG [DE]
- [A] EP 0802509 A2 19971022 - BOSCH GMBH ROBERT [DE]
- [A] WO 9966455 A2 19991223 - MANNESMANN AG [DE], et al
- [A] US 5857152 A 19990105 - EVERETT DAVID BARRINGTON [GB]
- [A] EP 0780801 A1 19970625 - GZS GES FUER ZAHLUNGSSYSTEME M [DE]
- [A] KOMANECKY M R ET AL: "IVHS APPLICATIONS OF SMART CARDS", PROCEEDINGS OF THE VEHICLE NAVIGATION AND INFORMATION SYSTEMS CONFERENCE. DEARBORN, OCT. 20 - 23, 1991, NEW YORK, IEEE, US, VOL. VOL. 2, PAGE(S) 977-987, ISBN: 0-7803-0488-8, XP000357202

Cited by

EP1630747A3; EP1638052A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1197925 A2 20020417**; **EP 1197925 A3 20040331**; BR 0104137 A 20020507; DE 10046166 A1 20020328

DOCDB simple family (application)

**EP 01120201 A 20010823**; BR 0104137 A 20010919; DE 10046166 A 20000919