

Title (en)
Electronic toll payment system and method

Title (de)
Elektronisches Mautbezahlungssystem und -verfahren

Title (fr)
Système et procédé de paiement de péage électronique

Publication
EP 2355046 A1 20110810 (EN)

Application
EP 10152564 A 20100203

Priority
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Abstract (en)
The invention provides a method and system for toll payment using electronic messaging from at least one electronic communication device, for example a fixed line or mobile telephone. A remote communication system is adapted to communicate with the at least one electronic communication device, for example a fixed line or mobile telephone, which is associated with a pre-existing telecommunication account belonging to a user. A recording means which is provided for capturing vehicle identifier information for vehicles passing through a toll area and storing said identifier information for the purposes of processing default transactions is first now passed on to said remote communication system. The system allows for sending an electronic message, for example a SMS (text)/WAP message, from the electronic communication device, for example a fixed line or mobile telephone, by said user to the remote communication system wherein said electronic message comprises a vehicle registration identifier and toll identifier direction of travel, class of vehicle if not class II; and said remote communication system comprises means for automatically matching said received electronic message with said captured vehicle identifier information and, if a match is made, a toll payment is debited from the user's pre-existing telecommunication account and credited to a toll operator account. The main advantage of the system is that the user does not have to pre-register account information in order to effect a toll payment. Further by reason of the data to be furnished increases the overall efficiency of the vehicle recognition system with reduced false readings by providing a comparator data. The convenience of the solution ensures widespread acceptance by users of toll systems.

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Citation (search report)
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