

Title (en)

Automatic road use charging method

Title (de)

Verfahren zur automatischen Erhebung von Strassenbenutzungsgebühren

Title (fr)

Procédé de taxation automatique de péage routier

Publication

EP 0802509 A3 20000126 (DE)

Application

EP 97100575 A 19970116

Priority

DE 19615733 A 19960420

Abstract (en)

[origin: EP0802509A2] The method employs vehicle-borne equipment (1), a roadside beacon (2) and a satellite (3). In the vehicle a microwave transponder (4) is connected to a chip card (6) and a GPS radio-navigation module (7) which receives the satellite signal (S). The transponder transmits a flow of data (D1) including tariff-relevant parameters and positions to the beacon, from which it receives in return the amount of the toll (D2). When this has been debited the transponder sends a guarantee (Z) to the beacon, which responds with an acknowledgment (Q) to the chip card.

IPC 1-7

G07B 15/00

IPC 8 full level

G07B 15/00 (2006.01); **G07B 15/06** (2011.01)

CPC (source: EP)

G07B 15/063 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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