

Title (en)

ELECTRONIC TOLL CHARGING SYSTEM AND METHOD

Title (de)

ELEKTRONISCHES MAUTZAHLUNGSSYSTEM UND -VERFAHREN

Title (fr)

SYSTÈME ÉLECTRONIQUE DE PAIEMENT DE PÉAGE ET PROCÉDÉ ASSOCIÉ

Publication

EP 2402912 B1 20210407 (EN)

Application

EP 10746015 A 20100226

Priority

- JP 2010001336 W 20100226
- JP 2009047188 A 20090227

Abstract (en)

[origin: EP2402912A1] A vehicle-mounted device (100) is connected with an external device (200) in order to perform wireless communication with a central system (300). A charging decision section (209) of the external device (200) decides whether a vehicle has passed through a charging position by comparing the positional information of the vehicle with the charging place information stored in a charging place storage section (206). When the vehicle has passed through the charging position, a charging section (210) calculates a toll by comparing the information concerning the fact that the vehicle passed through a charging position which is decided by the charging decision section (209) with the information of the amount of charging stored in a charging information storage section, notifies the calculated toll to the vehicle-mounted device (100) and processes the charging.

IPC 8 full level

G07B 15/00 (2011.01); **G07B 15/06** (2011.01); **G07C 5/08** (2006.01); **G08G 1/09** (2006.01); **G07C 5/00** (2006.01)

CPC (source: EP)

G07B 15/00 (2013.01); **G07B 15/06** (2013.01); **G07C 5/0841** (2013.01); **G07C 5/008** (2013.01)

Cited by

CN108875984A; CN105447918A; CN107590993A; WO2019019021A1

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DOCDB simple family (publication)

EP 2402912 A1 20120104; **EP 2402912 A4 20161130**; **EP 2402912 B1 20210407**; JP 2010204756 A 20100916; JP 5495583 B2 20140521; SG 174162 A1 20111028; WO 2010098132 A1 20100902

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