

Title (en)

Enhancement of enforcing road user charging

Title (de)

Verbesserung der Handhabung eines Strassenmautsystem

Title (fr)

Amélioration de la mise en oeuvre de la tarification routière

Publication

EP 2752821 A2 20140709 (EN)

Application

EP 13165355 A 20130425

Priority

- NL 1039984 A 20130102
- NL 1039985 A 20130102

Abstract (en)

The invention presents an additional method for enforcement of Road User Charging in which a pair of independently derived positions of the vehicle are compared to assess if the usage is or has been recorded correctly, the process being triggered by either Selecting (103) active road users from a Service Register (102); or from Spotting (106) a vehicle in the traffic. The positional data is derived: 1) retrieving the last recorded position from the OBU (105); 2) the positioning the vehicle by using Location Based Services (104) of a mobile network (009); 3) from Spotting (106) a vehicle (101). By comparing (108) the positions and presence on the road infrastructure the likelihood of errors in paying for use can be assessed. As well, the existence of a period pass is checked. Anonymity is ensured.

IPC 8 full level

G07B 15/06 (2011.01)

CPC (source: EP)

G07B 15/063 (2013.01)

Citation (applicant)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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