

Title (en)

A system and method of determining the average time for covering a road section by motor vehicles

Title (de)

System und Verfahren zum Bestimmen der Durchschnittsfahrzeit für einen Strassenabschnitt

Title (fr)

Système et méthode pour déterminer le temps de parcours moyen d'une section de route par un véhicule

Publication

EP 1617382 A3 20061213 (EN)

Application

EP 05015266 A 20050713

Priority

IT TO20040497 A 20040715

Abstract (en)

[origin: EP1617382A2] A system and a method for determining the average time taken by vehicles to travel along road sections are described, in which a plurality of peripheral units (12, 14) distributed along a road network is used to detect the transit of vehicles by interrogating an on-board apparatus (B) of said vehicles, in particular an on-board apparatus designed for interfacing with land-based apparatus of an automatic toll collection system. The peripheral units (12, 14) are connected to a central processing unit (20) which collects the data relating to the identification codes of the on-board apparatus (B) of the vehicles and the associated moments of transit past at least one pair of peripheral units (12, 14) and determines the average travel time of the section on the basis of the travel times of a plurality of vehicles detected passing by said peripheral units (12, 14).

IPC 8 full level

G07B 15/00 (2006.01); **G07B 15/06** (2011.01); **G08G 1/052** (2006.01)

CPC (source: EP)

G07B 15/063 (2013.01); **G08G 1/042** (2013.01); **G08G 1/0962** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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