

Title (en)

Method and device to obtain travel times of vehicles

Title (de)

Verfahren sowie Einrichtung zur Reisezeitermittlung von Kraftfahrzeugen

Title (fr)

Procédé et appareil de saisie de durée de trajets de véhicules

Publication

**EP 0978811 A3 20000816 (DE)**

Application

**EP 99115705 A 19990804**

Priority

DE 19835842 A 19980807

Abstract (en)

[origin: EP0978811A2] The method involves determination of journey times ( $t(x;n)$ ) for vehicles (6) on at least one route section (e.g. n) of a motorway or road (1). For given vehicles the respective times for entry into or exit from the route section, and individual journey times, or journey times averaged over a number of vehicles, an actual average journey time over the route section are determined out of the difference of the exit time to the entry time. At certain monitoring or control points on the route section individual vehicles in the flow of traffic are automatically optically detected and the obtained video information on individual vehicles is converted into image data. Time-sequential image data sets are obtained and then temporarily stored and data sets for entry into, are continuously compared with those for exit from, a route section, for any agreement of their image data. When agreement is established in two data sets, the individual journey time ( $t(x;n)$ ) is derived from the difference of time information (62) of these data sets.

IPC 1-7

**G08G 1/04**

IPC 8 full level

**G08G 1/04** (2006.01)

CPC (source: EP)

**G08G 1/0175** (2013.01); **G08G 1/04** (2013.01)

Citation (search report)

- [X] EP 0494815 A1 19920715 - RENAULT [FR]
- [XY] WO 9319429 A1 19930930 - ICONIX PTY LTD [AU]
- [Y] EP 0347090 A2 19891220 - EEV LTD [GB]
- [X] WO 9319441 A1 19930930 - COMMW SCIENT IND RES ORG [AU], et al
- [A] US 5315664 A 19940524 - KUMAGAI RYOHEI [JP]

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