

Title (en)

EVALUATION METHOD OF THE TRAVEL TIME MEASURED IN VEHICLES BY MEANS OF A GUIDANCE AND INFORMATION DEVICE IN A GUIDANCE AND INFORMATION SYSTEM

Publication

EP 0292897 A3 19900509 (DE)

Application

EP 88108163 A 19880520

Priority

DE 3717550 A 19870525

Abstract (en)

[origin: EP0292897A2] A digitized road network map can be stored in a location and navigation computer of the vehicle. Two nodes of the intermeshed road network form a route section, two guidance points form a sub-route with a separate address in each case. The travel time is measured using a travel time measuring device of the guidance and information device. The traffic congestion time contained in the travel time is calculated for each sub-route from the sum of all the time intervals during which the vehicle speed lies below a predetermined limit speed. In the location and navigation computer, the number of deceleration operations below the limit speed is measured for each sub-route and a weighting factor calculated therefrom. The respective weighting factors associated with the traffic congestion times are transmitted together with the latter to a central traffic and information controlling computer which evaluates the respective travel and traffic congestion time as a function of the size of the weighting factor. Using these evaluated travel times and traffic congestion times new alternative route recommendations are produced and evaluated for control of traffic light systems. <IMAGE>

IPC 1-7

G08G 1/09

IPC 8 full level

G08G 1/09 (2006.01); **G08G 1/0968** (2006.01)

CPC (source: EP)

G08G 1/01 (2013.01); **G08G 1/096811** (2013.01); **G08G 1/096844** (2013.01)

Citation (search report)

- [AD] EP 0029201 A1 19810527 - SIEMENS AG [DE]
- [AD] EP 0021060 A1 19810107 - SIEMENS AG [DE]
- [A] EP 0025388 A1 19810318 - THOMSON CSF [FR]

Cited by

US6711498B1; WO9859329A1; DE19964644B3; US5402117A; AU2005100125B4; AT500265A1; EP0849718A1; DE19917154B4; DE102005035431B3; EP1217331A1; CN113903169A; EP0516215A1; EP0384794A1; FR2642875A1; CN118097973A; US6915207B2; US6640183B2; WO2007012566A3; WO0118770A1; WO0175397A1; EP0815547B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0292897 A2 19881130; EP 0292897 A3 19900509; EP 0292897 B1 19940420; AT E104788 T1 19940515; DE 3889144 D1 19940526

DOCDB simple family (application)

EP 88108163 A 19880520; AT 88108163 T 19880520; DE 3889144 T 19880520