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30.09.2005 US 239942
30.09.2005 US 240047
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(54) **GPS-based traffic monitoring system**

(57) A traffic information system for a vehicle comprises a transmitter and a global positioning system (GPS) associated with the vehicle that selectively generates location and vector data. A control module receives the location and vector data and wirelessly transmits the location and vector data using the transmitter when the vehicle is traveling on a first set of predetermined roads and does not transmit the location and vector data when the vehicle is traveling on a second set of predetermined roads.

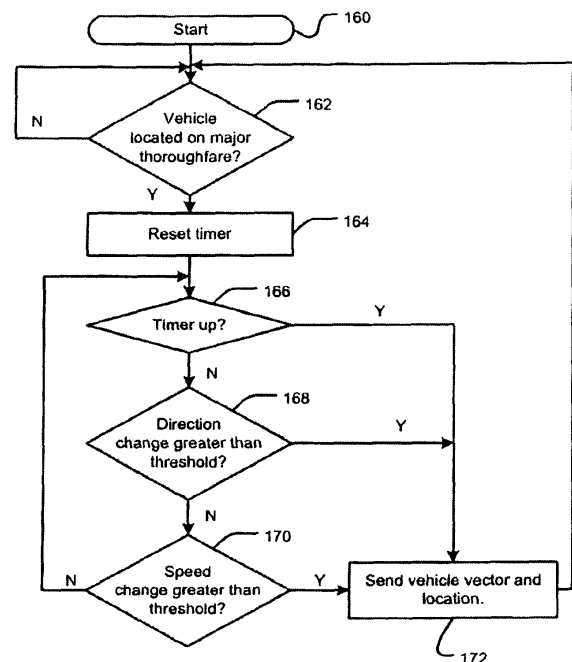


FIG. 6

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EUROPEAN SEARCH REPORT

Application Number
EP 06 01 1022

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* column 1, line 36 - column 2, line 3 * * column 2, line 29 - column 3, line 8 * * column 4, line 34 - column 5, line 7 * * figure 1 *	15,21	G08G1/01 G08G1/0967 G08G1/14
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 13 March 2009	Examiner Seisdodos, Marta
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)

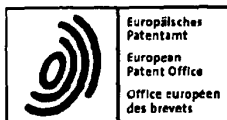


EUROPEAN SEARCH REPORT

Application Number
EP 06 01 1022

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 13 March 2009	Examiner Seisdedos, Marta
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1,2,5,14,15,21

Traffic monitoring wherein the vehicles send location information to a traffic monitoring system when predetermined requirements are met and traffic reports are send to the vehicles.

2. claims: 1,3

Remote service assistance of a vehicle wherein the vehicle previously transmits its location information.

3. claims: 1,4,6-8,9-13,16-20

Parking monitoring wherein vehicles transmit their location information to a parking monitoring system and receive parking status reports.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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13-03-2009

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82