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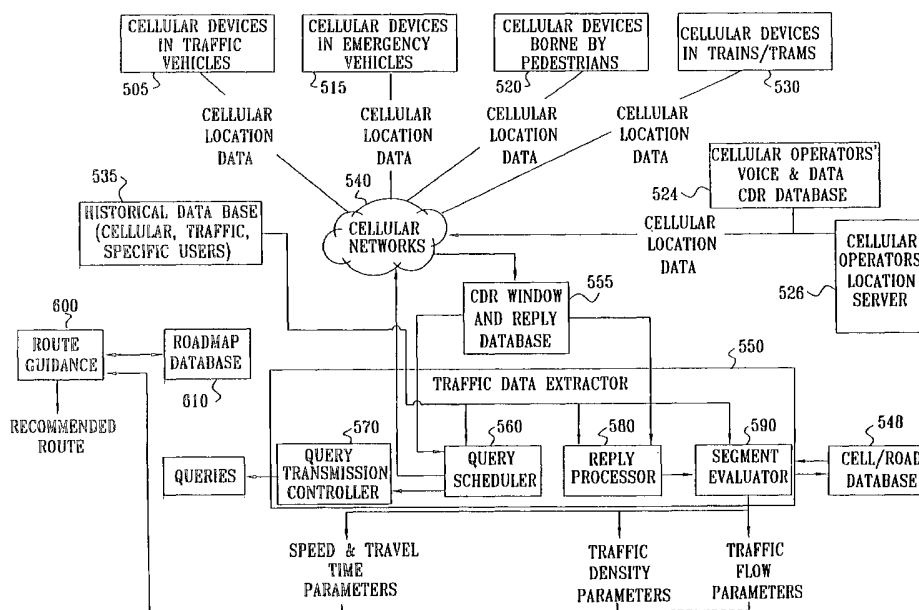
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For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: A TRAFFIC MONITORING AND ROUTE GUIDANCE SYSTEM AND METHOD



(57) Abstract: A traffic monitoring system for monitoring traffic including a population of users bearing a multiplicity of mobile communication devices, and methods useful for monitoring traffic, the system including a mobile communication network interface receiving, from at least one communication network serving the multiplicity of mobile communication devices, and storing, location information characterizing at least some of the multiplicity of mobile communication devices, and a traffic monitor operative to compute at least one traffic-characterizing parameter on the basis of the location information.



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## INTERNATIONAL SEARCH REPORT

Intern: Application No  
PCT/IL 01/00889A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G08G1/01 G08G1/0968 G08G1/0967

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G08G H04Q G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E, L	WO 01 23835 A (DECELL INC ; LAPIDOT DROR (IL)) 5 April 2001 (2001-04-05)  Priority reasons claims 1-42, 97-101, 104-106 ---	1-42, 60-64, 67-69
X	US 5 182 555 A (SUMNER ROY L) 26 January 1993 (1993-01-26)	1-12, 60
Y	column 5, line 21-29 column 9, line 38-49 column 11, line 46-52 column 13, line 8-33 column 14, line 19-47 ---	25, 26
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 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
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- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

25 June 2002

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## INTERNATIONAL SEARCH REPORT

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 44183 A (CHRISTENSEN RUNE ;ERICSSON TELEFON AB L M (SE)) 2 September 1999 (1999-09-02)	13-18, 21,23, 24, 32-34, 39-41, 61,63, 67-69
Y	page 1, line 23-28 page 5, line 9-37  page 6, line 5-37 figure 1	19,20, 25,26, 28-30, 35-38,62
Y	--- EP 0 600 162 A (DETECON GMBH) 8 June 1994 (1994-06-08) column 3, line 41 -column 4, line 11	19,20, 28-30,62
Y	--- US 6 052 597 A (EKSTROM TOMMY) 18 April 2000 (2000-04-18) column 10, line 58-67 figure 3	35-38
A	--- EP 0 755 039 A (MANNESMANN AG) 22 January 1997 (1997-01-22) abstract -----	42,64

INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IL 01/00889

**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

- 1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
- 2.  Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
- 3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

- 1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
- 2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
- 3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
- 4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-42, 60-64, 67-69

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-42,60-64,67-69

Traffic monitoring system using mobile communications networks

2. Claims: 43-57,65,66

Route guidance method integrating the real-time traffic conditions in the estimated travel time

3. Claims: 58,59

Advertisement method without overloading the driver with information related to sites out of his/her route.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Internationa pplication No  
PCT/IL 01/00889

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