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(54) Title: SYSTEM FOR ENSURING ALL VEHICLES ARE GPS REGISTERED

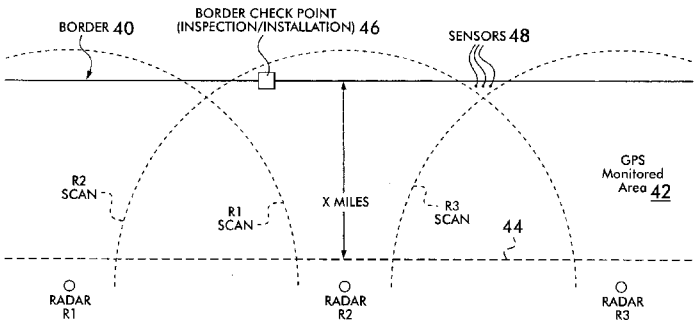


FIG.2

(57) Abstract: Each vehicle (26) in a jurisdiction is registered and has a GPS receiver and transmitter (26) transmit in real time location data of the vehicle via a wireless communication system (30) to an electronic storage subsystem (32) which stores for each vehicle identification code the location data and time in real time and maintains it for a predetermined period of time. A monitoring system (R1, R2, R3, 48) also detects moving vehicles in an area, and positions reported by the monitoring means are compared (52) with information (54) being recorded on the computer system, and if these do not correlate, an unregistered vehicle alarm (56) is generated. The system may be limited to a system which requires only vehicles entering at a border point, only new vehicles with GPS receivers and wireless transmitters installed at the time of manufacture or preferably a system covering all vehicles.

WO 2012/021153 A3

INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

G01S 5/02(2010.01)i

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)

G01S 5/02; G06F 19/00; G08G 1/052; G08G 1/123; G08G 1/065; G08G 1/01; G08G 1/017

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: registration, vehicle identification, border point, inspect, police

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2010-0145759 A1 (HEMBURY CHRISTINE M.) 10 June 2010 See abstract, claims 1-15 and figure 1 * Cited in the application	1-3,11-19,27-44,52-54 4-10,20-26,45-51,55
A	US 2005-0088320 A1 (ARAM KOVACH) 28 April 2005 See abstract, claims 1, 9, 14, 31 and figures 5-8	1-55
A	US 2008-0133080 A1 (ISAACS MARK R. et al.) 05 June 2008 See abstract, claims 1-22 and figures 1-4	1-55
A	KR 10-0454189 B1 (KDNSMARTEC CO., LTD.) 26 October 2004 See abstract, claims 1, 3 and figures 1, 4	1-55
A	KR 20-0404832 Y1 (DDWIZ INC.) 28 December 2005 See abstract, claim 1 and figures 1-3	1-55

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

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"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	Date of mailing of the international search report
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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		EP 2356830 A1	17.08.2011
		US 2011-0015971 A1	20.01.2011
		US 7996258 B2	09.08.2011
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KR 20-0404832 Y1	28.12.2005	None	