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(71) Applicant: **Veen, Egbert**
Brasserskade 84
NL-2612 CG Delft(NL)

(72) Inventor: **Veen, Egbert**
Brasserskade 84
NL-2612 CG Delft(NL)

(54) **An installation to locate, to identify and to guard or supervise movables and immovables.**

(57) The invention concerns a system existing of an installation for the reception of coded electro-magnetic or light signals wich under certain circumstances activates a belonging transmitter for the localization of, for the identification of, and for the checking of, guarding of, or supervision of the system and of the movable or immovable goods to which the system is attached, as of the potential supplementary accessory equipment.

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The invention concerns a system that facilitates the localization of, the identification of, and the active data exchange with movables and immovables or real-estate, by making use of telecommunication and information systems. This provides the protection of, the tracking down of, and the supervision of movables and immovables, like cars, containers, trucks, trailers, vessels, and real estate which are not attainable with the current technical infrastructure, or only with difficulty, on both national and international level, so that fraudulous activities with falsified or tempered with property papers as well as theft can be prevented.

Right now there are no systems available in the marketplace that realise this same effect on a national or international level.

The goal of the invention is to provide a system that on a national/international level locates, and/or identifies, and/or exchanges data actively with movables and immovables. This goal is realized by providing the movables and immovables with a system consisting of receiving and transmitting equipment, potentially supplemented with accessory equipment, which is remotely controlable through national/international telecommunication networks or through telecommunication networks which installed specifically for this purpose.

When localising and/or identifying, and/or actively exchanging data with the movable or immovable, the system is called with a pre-assigned identification number and the system responds to this call by transmitting a code or a flow of information through the transmitter. In the event of an alarm, indicated by accessory equipment, the system would be able to independently initiate the release of the code or the flow of information through the transmitter. If one would call the system one would be able to locate the movable or immovable with the use of a direction finder, possibly from an overhead or flying position, or by identifying the station which received the code or the flow of information from the system. In the identification process, the call to the system will have to generate a response that is in accordance with the movable or the immovable in order to make a closer inspection of the movable or the immovable and/or of the system and/or of the accessory equipment undesirable.

In this way, with the use of the system, the displacement of movables can be detected and, in the case of theft, the hiding place of the movable can be traced. In addition, it is feasible to read system data and/or information of accessory equipment through the use of the receiving/transmitting equipment. The trade in stolen, valuable movables can be fought effectively and risk analysis for insurance purposes can be done more precisely if a proper response from the system is made obligatory in the trade of and/or for the insurance of movables. If also government agencies make use of this system, the working with or the trade in goods derived from crime will be hampered severely when regular/routine inspections of certain property, like means of transportation, are performed. Government agencies would also be aided by the system in identifying moving traffic violations and in providing evidence for the procecution of the traffic violators when the accessory equipment supplies data to the transmitter about the status of the belonging vehicle of vessel, like speed, driving time, and/or the alcohol content of the air in the cabin. Identification responses from a movable could also be used to automatically register moving traffic violations for example at intersections and on freeways.

Information received by the system can also be used to re-program the system itself and/or potential accessory equipment which will cause the technical behavior of the system itself and/or of potential accessory equipment to change.

Claims

1. The system consisting of a receiver which of electro-magnetic signals, potentially decodes and/or processes and/or programs or supplies information to accessory equipment, and under certain circumstances activates a belonging transmitter, which during a short or a longer period of time transmits a code and/or a flow of information to locate and/or to identify the system and/or the movables and/or immovables to which the system is attached, and/or to report the status of the system and/or of the accessory equipment connected to the system.

2. The system according to conclusion number 1 with the characteristic that the transmitter can also be activated by other means than electromagnetic signals.

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EUROPEAN SEARCH REPORT

Application Number

EP 92 20 1597

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	FR-A-2 653 581 (COLLECTE LOCALISATION SATELLITES C.L.S. ET AL) * the whole document * ---	1,2	G08B25/10
X	MACHINE DESIGN. vol. 62, no. 18, 6 September 1990, CLEVELAND US pages 78 - 79; 'STOLEN CARS PHONE HOME' * the whole document * ---	1,2	
X	GB-A-2 218 243 (LIONEL LESLIE NEWBY) * page 1, line 26 - page 4, line 35 * * page 7, line 30 - page 9, line 23; figures 1-3 * ---	1,2	
X	EP-A-0 242 099 (ADVANCED STRATEGIES, INC.) * page 3, line 34 - line 58 * * page 5, line 4 - line 19; claims 1-26; figures 1,2 * -----	1,2	

TECHNICAL FIELDS SEARCHED (Int. Cl.5)

G08B
G08G

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	18 AUGUST 1992	WANZEELE R.J.

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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