



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**24.11.1999 Bulletin 1999/47**

(51) Int Cl.<sup>6</sup>: **G08B 15/00**, G08B 29/08,  
G08B 29/18

(43) Date of publication A2:  
**05.08.1998 Bulletin 1998/32**

(21) Application number: **98300802.0**

(22) Date of filing: **04.02.1998**

(84) Designated Contracting States:  
**AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC  
NL PT**  
Designated Extension States:  
**AL LT LV MK RO SI**

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(30) Priority: **04.02.1997 GB 9702275**  
**12.05.1997 GB 9709472**

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(54) **A security system**

(57) A security system 10 comprises a sensor array 20 which includes, for example, a motion sensor, a thermal sensor and a camera, a control unit 18 which includes a microprocessor arranged to receive data from sensors and to determine whether the data received from the sensors constitutes a threat. The microprocessor can provide an alert to an operator on determination of a threat. The microprocessor includes neural net software which automatically re-defines the threat parameters stored in the memory of the microprocessor if the operator identifies a false threat.

According to another aspect of the invention, a vehicle logging system is provided comprising a camera 114 for recording an image of the registration mark of the vehicle entering an area, and optical camera recognition means, for example, a computer with image processing software, for identifying the vehicle registration mark from the image recorded on the camera 114. A microprocessor stores details of the vehicle registration mark of the vehicle and also details of a transaction conducted by the vehicle within the aforesaid area. The system is especially useful for eliminating fraud at waste disposal sites by keeping a log of vehicle transactions which can be checked against the registration marks of the vehicle that have been on site on a particular day (Figure 5).

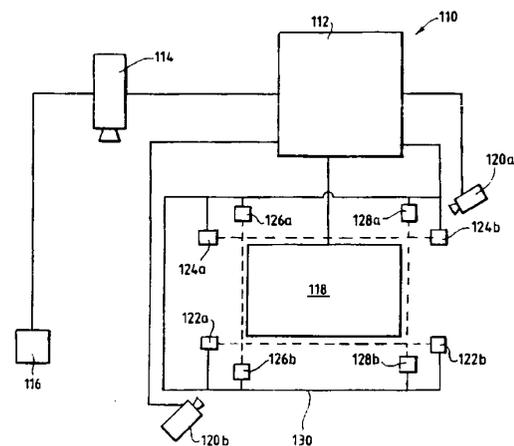


FIG. 5.



European Patent  
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EUROPEAN SEARCH REPORT

Application Number  
EP 98 30 0802

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-The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		11 June 1999	KELPERIS K.
CATEGORY OF CITED DOCUMENTS		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	
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			

EPC FORM 1503 03 82 (P04G01)



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Office

Application Number

EP 98 30 0802

### CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims 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 the first ten claims.

### 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:

1 - 11 , 13 - 14 , 16



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: 1-11 13-14 16

A security system comprising means for sensing a threat whereby the threat parameters are redefined when an operator identifies a false alarm

2. Claims: 12 15 17-18

A vehicle logging system comprising a camera for recording the vehicles registration mark

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

EP 98 30 0802

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  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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EPO FORM P0459

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