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(54) Title: SYSTEM FOR PREVENTING UNAUTHORIZED TRAILER UNCOUPLING

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[Continued on next page]

(57) Abstract: A method and apparatus for detecting uncoupling of a trailer (12) outside a planned uncoupling area. A GPS(24) determines the location of the trailer (12). A Vehicle computer (18) coupled to the GPS(24) is used to determine whether the trailer (12) has been uncoupled outside a planned uncoupling area.
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
## INTERNATIONAL SEARCH REPORT

### A. CLASSIFICATION OF SUBJECT MATTER

<table>
<thead>
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<th>IPC(7)</th>
<th>US CL</th>
<th>According to International Patent Classification (IPC) or to both national classification and IPC.</th>
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<td>G01C 21/00</td>
<td>701/213,208,29, 340/431</td>
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### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

- U.S.: 701/213,208,29, 31,32,35,205,207; 340/431,988,989,991,992,993

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 practicable, search terms used)

**EAST**

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tr>
<td>X</td>
<td>US 5,969,433 A (Maggiora et al.) 19 October 1999 (19.10.1999)</td>
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<td>A</td>
<td>US 5,640,139 A (Egeberg) 17 January 1997 (13.01.1997)</td>
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☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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