Title: CHILD RESTRAINT SYSTEM COMPRISING EVENT DATA RECORDER

Abstract: A child restraint system includes an electronic control unit having an event data recorder, encoder for storing data relating to proper adjustment or installation of the child restraint system. The control unit receives an electrical signal from one or more sensors mounted on the child seat and determines the conditions of the child seat based on the value of the property indicated by the signal. The event data recorder is configured to store the resulting data and to allow the stored data to be retrieved in response to an inquiry. Thus, in the event of a vehicle accident or other incident, the electronic control unit may be connected to an external diagnostic unit, and the relevant data may be downloaded to the diagnostic unit for evaluation.
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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.

Date of publication of the international search report: 11 October 2007
## INTERNATIONAL SEARCH REPORT

### A. CLASSIFICATION OF SUBJECT MATTER

**IPC:**
G08B 23/00(2006.01)

**USPC:**
340/573.1

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)

U.S.: 340/573.1, 666, 667, 457.1; 180/273, 271, 290; 200/85A

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

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

EAST, BRS

### 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>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>US 5,640,145 A (NEWHAM) 17 June 1997 (17.06.1997), see entire document.</td>
<td>1-23</td>
</tr>
<tr>
<td>A</td>
<td>US 5,790,031 A (SHELTON et al) 4 August 1998 (04.08.1998), see entire document.</td>
<td>1-23</td>
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<tr>
<td>A</td>
<td>US 7,055,639 B2 (KIRIBAYASHI) 6 June 2006 (06.06.2006), see entire document.</td>
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Further documents are listed in the continuation of Box C. See patent family 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 application or patent published on or after the international filing date
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Later document published after the international filing date or priority data and not in conflict with the application but cited to understand the principle or theory underlying the invention

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

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Document member of the same patent family

Date of the actual completion of the international search

06 August 2007 (06.08.2007)

Date of mailing of the international search report

22 AUG 2007

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