Title: MODULAR ENERGY ABSORBER AND CONFIGURING METHOD

Abstract: A modular energy absorber (10) that is tunable. It comprises one or more energy absorbing modules (12). The energy absorbing modules have means for coordinating energy absorbing units 16 of the one or more modules. The means (14) for coordinating position and support the units in relation to each other before, during and after relative motion between an incident object and the energy absorber. A crushable member (16) is provided that has an upper perimeter (22), a lower perimeter (24) and an intermediate wall (26) extending therebetween. It also includes a number (m) of breaches defined therein before impact. A method for configuring the modular energy absorber is also disclosed.
(88) Date of publication of the international search report:
19 April 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codex and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC: B60R 27/00(2007.01)
   USPC: 296/187.03
   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.: 296/187.03

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)

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>DE 19947245 A (JEAN-MICHEL et al.) 06 April 2000 (06.04.2000), see total document.</td>
<td>1-8, 10-12 15 17-23</td>
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<td>Y</td>
<td>US 3,018,015 A (AGRISS et al.) 23 January 1962 (23.01.1962), see total document.</td>
<td>1-7, 9, 11-12, 17-23</td>
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<td>Y</td>
<td>US 5,972,477 (KIM et al.) 26 October 1999 (26.10.1999), see total document.</td>
<td>1-7, 9, 11-12, 17-23</td>
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Further documents are listed in the continuation of Box C.

Date of the actual completion of the international search: 08 December 2006 (08.12.2006)
Date of mailing of the international search report: 05 FEB 2007

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (571) 273-3201

Authorized officer: [Signature]
Joseph D. Papp
Telephone No. 703-308-1113

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