Title: EXPANDABLE AND COLLAPSIBLE MODULAR STRUCTURE

Abstract: An expandable and collapsible structure module is provided. The module includes at least three strut pairs (23), each strut pair (23) including a first strut (25) having a first end (25a) and a second end (25b) and a second strut (27) having a first end (27a) and a second end (27b), the first strut (25) and the second strut (27) being pivotally connected to each other at a point between the first and second ends of the first strut and the second strut, respectively, the at least three strut pairs being arranged end to end such that the first end of a first strut of any strut pair of the at least three strut pairs is pivotally attached to the second end of a second strut of a preceding strut pair of the at least three strut pairs and the first end of any second strut of the at least three strut pairs is pivotally attached to the second end of a first strut of the preceding strut pair, at least three corners (31) being defined by connected ends of the at least three strut pairs. The module also includes at least three pivotally connected at respective ends of the at least three corners to the connected ends of the at least three strut pairs, at least one of the at least three legs being a telescoping leg (33).
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC:   E04H 1/18 (2006.01); B65G 13/00 (2006.01)
   USPC:  52/645,646,648.1;193/35TE,35MD
   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. : 52/645,646,648.1; 193/35TE,35MD
   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>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 5,327,700 A (SORENSEN ET AL.) 12 JULY 1994, SEE FIGURE 3</td>
<td>1-33</td>
</tr>
<tr>
<td>X</td>
<td>US 4,761,929 A (ZEIGLER) 9 AUGUST 1988, SEE FIGURES 7A-7F</td>
<td>33-38</td>
</tr>
</tbody>
</table>

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:
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