Abstract: A conveyor belt assembled of modular plastic components is retained together without the usual connecting rods or pins. In one embodiment the modules, each of which has series of finger-like projections or knuckles both at forward and rear ends of the module, the projections are tapered to narrow in width from top to bottom. The projections at either the forward or rear side have laterally extending posts or dowels at one side of each projection, each with a length that extends through only part of the width of the gap between adjacent projections. In the opposite series of projections are holes, similar to the aligned holes that are present when module rows are connected by rods. With the projections being tapered, modules of adjacent rows can be put together by interdigitating the projections with the modules of adjacent rows held at an angle, preferably an acute angle beyond 90°.

FIG. 1
### INTERNATIONAL SEARCH REPORT

**International application No**

PCT/US07/23201

### A CLASSIFICATION OF SUBJECT MATTER

<table>
<thead>
<tr>
<th>IPC(8)</th>
<th>B65G 17/06 (2008.04)</th>
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According to International Patent Classification (IPC) or to both national classification and IPC.

### FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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<th>IPC(8)</th>
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<td>USPC</td>
<td>198/850, 851, 852, 853</td>
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### C DOCUMENTS CONSIDERED TO BE RELEVANT

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<tr>
<td>Y</td>
<td>US 5,174,439 A (SPANGLER) 29 December 1992 (29 12 1992) entire document</td>
<td>4-8, 14-17</td>
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**Date of the actual completion of the international search**

30 April 2008

**Date of mailing of the international search report**

21 May 2008

**Name and mailing address of the ISA/US**

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