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(71) Applicant and

(72) Inventor: SIMMONS, Robert, J. [US/US]; 1675 Sabre Street, Hayward, CA 94545 (US).

(74) Agent: DICKINSON, Jon, M., P.C.; 8015 SE 31st Avenue, Portland, OR 97202 (US).

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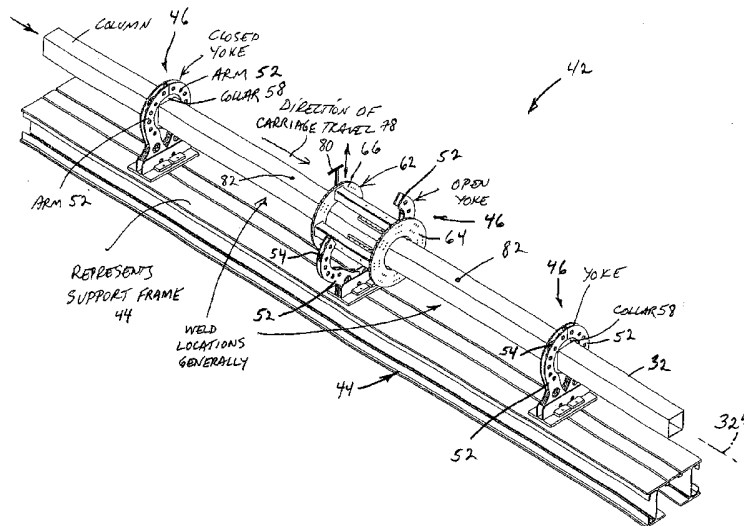
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(54) Title: ROTATIONAL METHOD AND APPARATUS FOR WELDING BEAM-MOUNT STRUCTURE TO THE SIDE(S) OF A COLUMN



(57) Abstract: A method and related apparatus for precision deploy-attaching beam-mount structure (38) to the outside of an elongate column (32) at plural, defined attachment sites that are distributed and spaced along the length of the column (32). The method involves (a) preparing an elongate column (32) to act as a travel way for a carriage (62) which is designed to transport and deploy beam-mount structure (38), shifting such a carriage (62) progressively along the column (32) from defined attachment site to defined attachment site and at each site, deploy-attaching from the carriage (62) to the column (32) the carriage-carried beam-mount structure (38).

WO 2005/028762 A3

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US04/29238

<p><b>A. CLASSIFICATION OF SUBJECT MATTER</b>                  IPC: <b>E04B 1/00(2006.01)</b></p> <p>USPC: 52/737.2,749.1,736.2,745.17                  According to International Patent Classification (IPC) or to both national classification and IPC</p>														
<p><b>B. FIELDS SEARCHED</b></p> <p>Minimum documentation searched (classification system followed by classification symbols)                  U.S. : 52/737.2, 749.1, 736.2, 745.17, 633, 736.1, 737.1</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)</p>														
<p><b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Category *</th> <th style="width:70%;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="width:20%;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td style="text-align:center;">A</td> <td>US 5,112,183 A (NUSBAUM et al) 12 May 1992 (12.05.1992), see entire document.</td> <td style="text-align:center;">1-14</td> </tr> <tr> <td style="text-align:center;">A</td> <td>US 3,085,148 A (McCONNELL) 09 April 1963 (09.04.1963), see entire document.</td> <td style="text-align:center;">1-14</td> </tr> <tr> <td style="text-align:center;">A</td> <td>US 2,641,829 A (SASSO) 16 JUNE 1953 (16.06.1953), See entire document.</td> <td style="text-align:center;">1-14</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	A	US 5,112,183 A (NUSBAUM et al) 12 May 1992 (12.05.1992), see entire document.	1-14	A	US 3,085,148 A (McCONNELL) 09 April 1963 (09.04.1963), see entire document.	1-14	A	US 2,641,829 A (SASSO) 16 JUNE 1953 (16.06.1953), See entire document.	1-14
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<p>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</p>		<p>Authorized officer                  Jeanette Chapman <i>JChapman</i>                  Telephone No. 703-308-1113</p>												