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(54) Title: METHOD FOR MANUFACTURE OF A COUNTERWEIGHT APPARATUS

(57) Abstract: A manufacturing process is provided for manufacture of counterweight assemblies (100, 102, 104). The counterweight assemblies (100, 102, 104) are manufactured by mixing concrete with a metallic material. The concrete and the metallic material are then placed into curing molds, and at least one cure accelerant is added to the mixture when the mixture is in the mold. The counterweight assembly formed by the mold is then cured.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/71211

A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **B28B 21/02** (2006.01)

USPC: 264/333
 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. : 264/333

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

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,298,632 B1 (SHERWOOD) 09 October 2001 (09.10.2001), col. 6, line 59 through col. 7, line 33.	1
Y	US 2,978,782 (WAGNER) 10 February 1958 (02.10.1958), col. 1, lines 15-46 and col. 3, lines 39-53.	1

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

* Special categories of cited documents:	“T”
“A” document defining the general state of the art which is not considered to be of particular relevance	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
“E” earlier application or patent published on or after the international filing date	“X” 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
“L” document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
“O” document referring to an oral disclosure, use, exhibition or other means	“&” document member of the same patent family
“P” document published prior to the international filing date but later than the priority date claimed	

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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 Christina Johnson Telephone No. 571-272-1100 <div style="text-align: right;"> DEBORAH A. THOMAS PARALEGAL SPECIALIST </div>
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