

Title (en)  
LOAD CREATION APPARATUS AND METHOD

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER LAST

Title (fr)  
PROCEDE ET DISPOSITIF SERVANT A CREER UNE CHARGE

Publication  
**EP 1034414 A4 20011024 (EN)**

Application  
**EP 98959355 A 19981125**

Priority  
• SG 9800095 W 19981125  
• SG 9704136 A 19971125

Abstract (en)  
[origin: WO9927330A1] A load creation apparatus (15) is adapted to create a specified mass intended to be suspended such that a load bearing structure is able to bear the mass. The apparatus includes a liquid impervious container (16). The container is suspended from the load bearing apparatus by suspension means (31). The container is able to be filled with liquid to create the test mass. The mass of the container is obtained by means for determining the mass of liquid in the container from the density and volume of the liquid. A method is also provided for testing the ability of a load bearing structure to bear a specified test mass, created by such a load creation apparatus.

IPC 1-7  
**G01G 9/00**; **G01G 17/04**; **G01G 17/06**; **G01G 21/22**; **G01G 23/18**; **G01G 21/26**

IPC 8 full level  
**G01G 21/26** (2006.01)

CPC (source: EP)  
**B66C 15/00** (2013.01); **G01G 21/26** (2013.01)

Citation (search report)  
• [YA] FR 2296171 A1 19760723 - DELATTRE LEVIVIER [FR]  
• [A] DE 2824940 A1 19791220 - FRIEDRICH GEB  
• [AD] EP 0018075 A1 19801029 - WATER WEIGHTS LTD [GB]  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 010, no. 322 (P - 511) 31 October 1986 (1986-10-31)  
• See references of WO 9927330A1

Designated contracting state (EPC)  
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