

Title (en)  
LIFTING DEVICE

Publication  
**EP 0399836 A3 19911009 (EN)**

Application  
**EP 90305696 A 19900525**

Priority  
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• GB 9006385 A 19900321

Abstract (en)  
[origin: EP0399836A2] A mobile lifting device for handling incapacitated, injured or infirm comprises a column (15) mounted on a chassis supported by ground engaging wheels (w) incorporating a chassis comprising: a box section member (14); a panel or panels (33,34) forming a substantial part of at least one wall of the member, the or each panel being removable to provide access to the interior of the member the, or each, panel when secured in place serving as a stressable part of the member and contributing to the torsional rigidity of the member; and a pair of legs (12,13) on which are mounted the ground engaging wheels linked by the box section; the column being secured at its lower end to, for load bearing support by, the box section member; and a crane arm (23) supported by the column at or near the one end of the arm by the column and being adapted at or near the other end to the one end to receive a carrier whereby the device supports a load to be lifted. The use of a box section chassis enables heavy components of the device to be housed at the lowest position in the device so providing for a low centre of gravity while enabling the components to be readily accessed.

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**A61G 7/10**

IPC 8 full level  
**A61G 7/10** (2006.01)

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**A61G 7/1067** (2013.01); **A61G 2200/32** (2013.01)

Citation (search report)  
• [X] WO 8700040 A1 19870115 - BURGESS SYDNEY LLOYD, et al  
• [Y] EP 0241096 A2 19871014 - GULDMANN VIGGO  
• [A] DE 2915715 A1 19801023 - DOETSCH LOTHAR  
• [A] US 4704749 A 19871110 - AUBERT BENJAMIN A [US]  
• [A] US 3298042 A 19670117 - DANIELSON HARRY A

Cited by  
CN106551761A; EP0813854A3; CN102770365A; US7346941B1; AU2006312849B2; EP1595519A1; US5502851A; NL1026185C2;  
US7437782B1; US8656529B2; US7932687B2; US6435309B1; US8910325B2; WO2011100824A1; WO2007054092A1; WO9911556A1

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