

Title (en)  
DUAL HYDRAULIC HOSPITAL BED WITH EMERGENCY BYPASS CIRCUIT

Publication  
**EP 0341358 B1 19921125 (EN)**

Application  
**EP 88304313 A 19880512**

Priority  
EP 88304313 A 19880512

Abstract (en)  
[origin: EP0341358A1] A hydraulically operated hospital bed (10) with dual hydraulic power systems for operation with or without electrical service has its head and thigh/leg elevation functions performed by hydraulic cylinders (56,66). A control circuit meters the introduction and removal of hydraulic fluid from these cylinders (56, 66) so an occupant (80) of the bed (10) is not subjected to any sudden movement. In case of an emergency requiring the bed occupant (80) to be in a supine position (the need to perform CPR), the normal control circuit is bypassed by an emergency circuit (134,136,138,140) that allows much faster than normal lowering of the head and thigh/leg portions (52,62,64) of the bed (10).

IPC 1-7  
**A61G 7/00**

IPC 8 full level  
**A61G 7/002** (2006.01); **A61G 7/012** (2006.01); **A61G 7/018** (2006.01)

CPC (source: EP)  
**A61G 7/002** (2013.01); **A61G 7/012** (2013.01); **A61G 7/018** (2013.01); **A61G 7/0507** (2013.01); **A61G 7/0509** (2016.10); **A61G 7/0524** (2016.10)

Cited by  
EP1579835A1; US6008598A; FR2676643A1; RU2699008C1; EP0504975A1; US6106576A; US5600214A; US5544376A; US6396224B1; US6336617B1; US8522695B2; US6270047B1; WO2007124754A3; WO2009116859A1; WO9420057A1; EP1184026A1; WO0217846A1; US8627522B2; US9003581B2; US6460816B1; US6336618B1; EP1092408A2; WO2007054681A1; WO9200712A1

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