

Title (en)
Person support apparatus

Title (de)
Personentragevorrichtung

Title (fr)
Support de patient

Publication
EP 2777672 A1 20140917 (EN)

Application
EP 13305302 A 20130315

Priority
EP 13305302 A 20130315

Abstract (en)
Person support apparatus having a mechanism for raising and lowering the height of the person support surface. The apparatus includes a spring assist mechanism to assist the raising of the person support surface from its lowermost position. The spring assist mechanism is a coil spring inside a housing and biasing a bolt which engages the support for the person support surface and is compressed thereby as the person support surface reaches its lowermost position. The compressed spring then assists movement of the person support surface as it is raised away from its lowermost position.

IPC 8 full level
A61G 7/012 (2006.01); **A61G 7/018** (2006.01); **A61G 7/015** (2006.01)

CPC (source: EP)
A61G 7/012 (2013.01); **A61G 7/018** (2013.01); **A61G 7/015** (2013.01)

Citation (applicant)
• US 6473922 B1 20021105 - SOMMERFELD DEAN R [US], et al
• US 6405393 B2 20020618 - MEGOWN MICHAEL W [US]

Citation (search report)
• [A] US 2005251916 A1 20051117 - ELIZONDO ADAN [MX]
• [A] WO 2012066580 A2 20120524 - SUNDARAM MEDICAL DEVICES P LTD [IN], et al
• [A] US 2003172459 A1 20030918 - ROUSSY RICHARD BRIAN [GB]
• [AD] US 6405393 B2 20020618 - MEGOWN MICHAEL W [US]

Cited by
US2021177679A1; JP2017099677A; US10489661B1; US10600204B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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