

Title (en)
LIFTING ASSEMBLY

Title (de)
HEBEANORDNUNG

Title (fr)
ENSEMBLE DE LEVAGE

Publication
EP 3804684 A1 20210414 (EN)

Application
EP 20199178 A 20200930

Priority
GB 201914576 A 20191009

Abstract (en)
A lifting assembly for a care bed comprising a first end frame and a second end frame having a mattress platform extending longitudinally between the end frames. At least one actuator mechanism is mounted to at least one of the first and/or second end frames that is configured to provide a corresponding vertical height adjustment of the mattress platform relative to the ground that is the sum of the stroke length of respective first and second linear actuators of the actuator mechanism.

IPC 8 full level
A61G 7/012 (2006.01)

CPC (source: EP GB)
A61G 7/002 (2013.01 - GB); **A61G 7/012** (2013.01 - EP GB)

Citation (applicant)

- US 3739406 A 19730619 - KOETTER H
- US 3900906 A 19750826 - BERTHELSEN OWEN W
- US 2018116884 A1 20180503 - DRAKE LAURIE [GB]

Citation (search report)

- [Y] CH 712857 A2 20180315 - SMART ASSIST GMBH [CH]
- [Y] JP 2007215823 A 20070830 - MITSUBA CORP
- [YA] US 2012317725 A1 20121220 - KO CHEOL WOONG [KR], et al

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

DOCDB simple family (publication)
EP 3804684 A1 20210414; EP 3804684 B1 20240327; AU 2020250283 A1 20210429; AU 2020250283 B2 20211111;
GB 201914576 D0 20191120; GB 2588139 A 20210421; GB 2588139 B 20211208

DOCDB simple family (application)
EP 20199178 A 20200930; AU 2020250283 A 20201009; GB 201914576 A 20191009