

Title (en)
Lift apparatus for invalid

Title (de)
Hebevorrichtung für Behinderte

Title (fr)
Appareil de levage pour invalide

Publication
EP 0737465 A3 19970305 (EN)

Application
EP 96302545 A 19960411

Priority
JP 8529595 A 19950411

Abstract (en)
[origin: EP0737465A2] A lift apparatus for an invalid comprises a guide rail (57a) which is detachably mounted on a bed (52) on one longitudinal end thereof to extend widthwise along the bed (52), a movable body (58a, 58b) which is guided to be movable along the guide rail (57a), and lift means (51) which is mounted on the movable body (58a, 58b). The lift means (51) includes an upright (59) which is fixed to the movable body (58a) on a side portion to extend in the vertical direction, and an arm member (65) having a first end which is coupled to an upper end portion of the upright (59) and a second end which serves as a working end. The guide rail is mounted on a movable part of a vertically movable bed (52), and the movable body (58a) is vertically slidably mounted on the upright (59). According to this structure, the upright of the lift means itself is not vertically moved but enables cross-directional movement along the guide rail upon vertical movement of the movable part of the bed comprising a vertically movable mechanism. <IMAGE>

IPC 1-7
A61G 7/10

IPC 8 full level
A61G 7/012 (2006.01); **A61G 7/10** (2006.01)

CPC (source: EP KR)
A61G 7/012 (2013.01 - EP); **A61G 7/1015** (2013.01 - EP); **A61G 7/1017** (2013.01 - EP); **A61G 7/1034** (2013.01 - EP);
A61G 7/1044 (2013.01 - EP); **A61G 7/1076** (2013.01 - EP); **B66F 11/00** (2013.01 - KR); **A61G 7/1061** (2013.01 - EP)

Citation (search report)
• [A] EP 0475691 A1 19920318 - APRICA KASSAI KK [JP]
• [A] US 4686727 A 19870818 - WILKINSON LAWRENCE H [US]

Cited by
DE102013002373A1; CN111888106A; CN109106517A

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0737465 A2 19961016; **EP 0737465 A3 19970305**; CN 1135877 A 19961120; KR 960037559 A 19961119

DOCDB simple family (application)
EP 96302545 A 19960411; CN 96101947 A 19960408; KR 19960011336 A 19960409