

Title (en)
Mobile apparatus for lifting patients.

Title (de)
Mobile Hebevorrichtung für Patienten.

Title (fr)
Appareil mobile de levage pour patients.

Publication
EP 0236284 A2 19870909 (EN)

Application
EP 87850024 A 19870126

Priority
SE 8600352 A 19860127

Abstract (en)
Floor supported mobile lifting apparatus for diseased or invalid persons are known and consist of a wheel base having a vertical column and a lifting arm projecting therefrom, in which lifting arm said person is supported by a lifting element. In order to improve known lifting apparatus of above-mentioned type so that it is prevented that the centre of gravity will be moved during the lifting movement of the patient the column is formed of two parts (2, 3) of which one (3) is driven by a motor to move up and down in parallel relation to the second part (2) or telescoping over the second part (2), whereby the second part is secured to a wheel base and the movable part in its free end supports the lifting arm (5). A hoisting cable (6) is fixed at the second part and is running in steering means (8) over the top end of the first part and along the lifting arm (5) and suspends from here. The free end of the cable (6) supports the lifting element (10), the operation being so that when the first part (3) of the column is projected upwards in relation to the second part (2), the free end of the hoisting cable will be placed in the neighbourhood of the free end of the lifting arm (5).

IPC 1-7
A61G 7/10

IPC 8 full level
A61G 7/10 (2006.01)

CPC (source: EP)
A61G 7/1019 (2013.01); **A61G 7/1046** (2013.01)

Cited by
GB2222281A; US8104115B2; DE202011100758U1; EP2524682A1

Designated contracting state (EPC)
AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0236284 A2 19870909; EP 0236284 A3 19880803; EP 0236284 B1 19930407; AT E87818 T1 19930415; CA 1310291 C 19921117; DE 3785242 D1 19930513; DE 3785242 T2 19930715; SE 8600352 D0 19860127; SE 8600352 L 19870728

DOCDB simple family (application)
EP 87850024 A 19870126; AT 87850024 T 19870126; CA 528150 A 19870126; DE 3785242 T 19870126; SE 8600352 A 19860127