

Title (en)
PATIENT LIFTING DEVICE

Publication
EP 0267888 A3 19890412 (EN)

Application
EP 87850342 A 19871106

Priority
SE 8604808 A 19861110

Abstract (en)
[origin: EP0267888A2] A patient lifting device shows an upper column part (16) which is displaceable relative to a lower column part (14) by means of a jack (18) driven from a chargeable battery (38) via an electric motor (20). A lifting platform (24) is arranged on a carriage (26) which is suspended in the one end of a chain (30) running over a wheel (32) journaled in the upper column part (16) and with its other end (34) is anchored to the lower column part (14). By this the lifting height of the platform (24) becomes twice as large as the stroke of the jack (18). A gas spring (36) is arranged in parallel with the jack (18) to unload the force which acts on the jack (18) on raising and lowering of a patient.

IPC 1-7
A61G 7/10

IPC 8 full level
A61G 7/10 (2006.01)

CPC (source: EP)
A61G 7/1011 (2013.01); **A61G 7/1019** (2013.01); **A61G 7/1046** (2013.01); **A61G 7/1059** (2013.01)

Citation (search report)

- [A] US 3394933 A 19680730 - BENOIT ROLAND A
- [A] EP 0096208 A2 19831221 - WEBER KASPAR ALBERT [CH], et al
- [A] US 4086672 A 19780502 - NILSSON LARS AGNE
- [A] FR 2493695 A1 19820514 - LEPINOY DOMINIQUE [FR]
- [A] FR 1313044 A 19621221 - MARTONAIR LTD
- [AD] EP 0198946 A2 19861029 - ARJO HOSPITAL EQUIPMENT AB [SE]

Cited by
EP0924835A3; FR2682872A1; EP0610664A1; FR2715061A1; EP0424344A1; US5348273A; FR2788736A1; GB2346082A; GB2391537A; GB2391537B; WO9415568A1

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

DOCDB simple family (publication)
EP 0267888 A2 19880518; EP 0267888 A3 19890412; EP 0267888 B1 19920122; DE 3776279 D1 19920305; JP S63130064 A 19880602; SE 464446 B 19910429; SE 8604808 D0 19861110; SE 8604808 L 19880511

DOCDB simple family (application)
EP 87850342 A 19871106; DE 3776279 T 19871106; JP 27199487 A 19871029; SE 8604808 A 19861110