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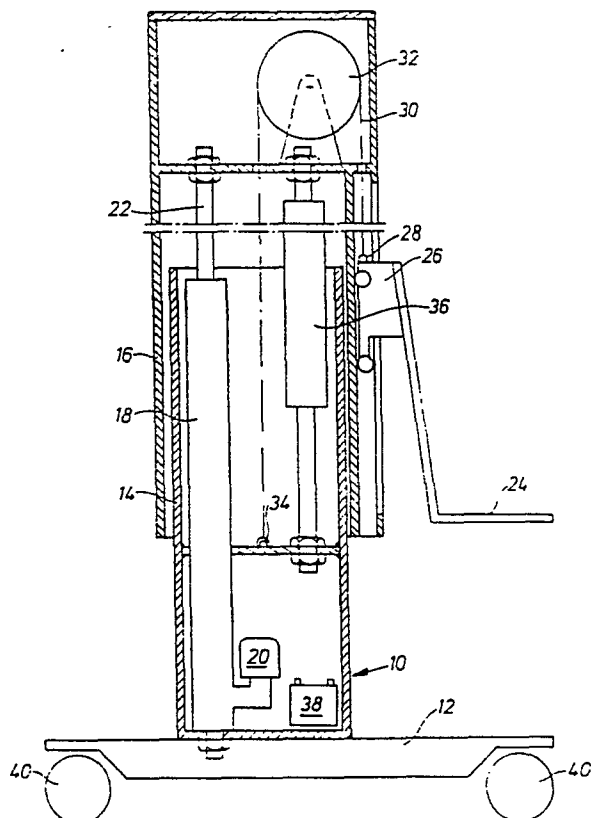
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(54) **Patient lifting device.**

(57) 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.



EP 0 267 888 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	US-A-3 394 933 (BENOIT) * Column 2, lines 1-62; figures 1,2,5 * ---	1,2	A 61 G 7/10
A	EP-A-0 096 208 (WEBER) * Page 5, lines 14-23; figures 1-3 * ---	1	
A	US-A-4 086 672 (NILSSON) * Column 7, lines 21-47; figure 5 * ---	1	
A	FR-A-2 493 695 (LEPINOY) * Page 4, lines 17-29; figure 1 * ---	1,2	
A	FR-A-1 313 044 (MARTONAIR LTD) * Page 1, right-hand column, lines 24-40; page 2, left-hand column, lines 1-52; page 2, right-hand column, lines 2-4; figures * ---	1	
A,D	EP-A-0 198 946 (ARJO HOSPITAL EQUIPMENT) * Whole document * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			A 61 G B 66 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16-01-1989	Examiner BAERT F.G.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			