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71 Applicant: **Guldmann, Viggo**
Digevaenget 23
DK-8330 Beder(DK)

72 Inventor: **Guldmann, Viggo**
Digevaenget 23
DK-8330 Beder(DK)

74 Representative: **Smulders, Theodorus A.H.J.**
et al
Vereenigde Octrooibureaux Nieuwe Parklaan
107
NL-2587 BP 's-Gravenhage(NL)

54 **A mobile crane for handling patients.**

57 A mobile crane (2) for lifting and transportation of immobile patients consists of a driving chassis (4) having a crane post (10) topwise provided with a vertically pivotal crane boom (14) projecting forwardly over the driving chassis (4) and supported by a raising and lowering mechanism (16). The wheel supported driving chassis (4) has a transverse base member (8), which carries the crane post (10) and is connected with forwardly protruding floor supported beams (6), which are adjustable in the horizontal plane between a "narrow" position, in which the crane (2) may be moved through a door opening, and a "broad" position, in which the crane (2) is more safely supported on the floor. It has been normal practice that the floor beams (6) are movable between the two positions by means of a manually powered shifting mechanism, which, however, involves certain serious problems with respect to a safe handling of the patient. According to the invention the shifting of the floor beams (6) between the said positions is effected by a motor driven mechanism, which is actuated from a hand carried control box (18), whereby the operator may attend to the patient with both hands also during the actuation of the shifting mechanism.

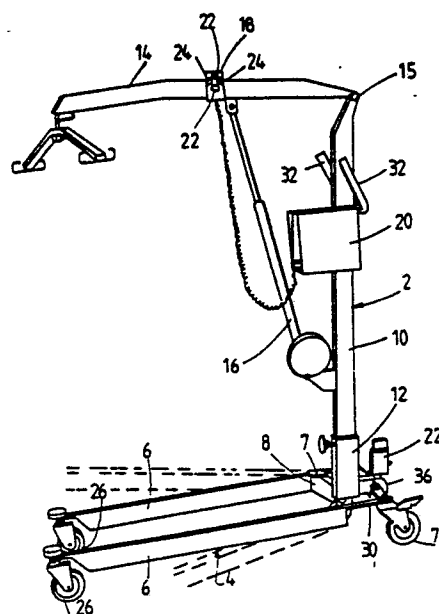


FIG. 1



| 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) |
| X | DE-A-2 915 715 (DÖTSCH) * Page 5, lines 34-35; page 6, lines 1-5, 16-24; page 7, lines 1-4, 35; page 8, lines 1-21; figures * --- | 1,2 | A 61 G 7/10 |
| A | FR-A-1 153 906 (HOYER) * Page 3, left-hand column, lines 20-57; figures * ----- | 1 | |
| | | | TECHNICAL FIELDS SEARCHED (Int. Cl. 4) |
| | | | A 61 G |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 22-04-1988 | 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 | | | |