

Title (en)
Supporting column for holding a patient supporting surface

Title (de)
Stützsäule zur Halterung einer Patientenlagerfläche

Title (fr)
Colonne de support pour tenir une surface de support pour patients

Publication
EP 0691118 A3 19960403 (DE)

Application
EP 95110360 A 19950703

Priority
DE 4423402 A 19940704

Abstract (en)
[origin: EP0691118A2] The lifting column (20) and three linear drive pieces (36) are positioned in the corners of a rectangle. The top part (46) is joined to a guide element (50) by the additional Cardan link (48) roughly in the diagonal intersection of the rectangle. The guide element is vertically adjustable but moves on the lifting frame (30,32,34) without twisting. The lifting frame has a hollow middle column (32) contg. the guide element. The top of the middle column is joined by a radical arm (30) to the top of the lifting column (30). The bottom of the middle column is joined to a three-armed support (34) near whose free ends the linear drive pieces are linked. <IMAGE>

IPC 1-7
A61G 13/02

IPC 8 full level
A61G 7/00 (2006.01); **A61G 13/02** (2006.01); **A61G 13/10** (2006.01)

CPC (source: EP US)
A61G 13/02 (2013.01 - EP US); **A61G 13/04** (2013.01 - EP US); **A47B 2200/0056** (2013.01 - EP US)

Citation (search report)

- [AD] DE 2260140 A1 19740612 - STILLE WERNER AB
- [A] GB 910029 A 19621107 - CENTRAL DESIGN OFFICE OF THE M
- [A] US 3176975 A 19650406 - BURZLAFF KARL H, et al

Cited by
DE29815699U1; FR2739093A1; DE102004013585A1; DE102004013585B4; US11602475B2; CN116337616A; WO2009000939A1; EP1785120B2

Designated contracting state (EPC)
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EP 95110360 A 19950703; DE 4423402 A 19940704; DE 59507125 T 19950703; JP 16749995 A 19950703; US 49593995 A 19950628