

Title (en)
Mechanism for adjusting distance between first and second support members

Title (de)
Mechanismus zur Abstandsangleichung zwischen dem ersten und zweiten Stützträger

Title (fr)
Mécanisme pour régler la distance entre le premier et le deuxième élément de support

Publication
EP 1992586 A3 20090225 (EN)

Application
EP 07101730 A 20070205

Priority
DK PA200600154 A 20060204

Abstract (en)
[origin: EP1992586A2] A mechanism for adjusting distance between a first and a second support member (7, 8), preferably an elevating mechanism for an elevating table, and of the type with two-part legs (3) in pairs, each including a first upper arm (5) and a first lower arm (6) that each are connected with a support part (7 and 8, respectively) at one end and which are mutually connected by a first articulated joint (10) at their second ends. The two legs are mutually connected with a spindle (12) connected by threaded bushings (11) associated with each of the first articulated joints, producing a reduction of the angle between the first upper arm and the first lower arm by rotation of the spindle in one direction and increase of the angle by rotation of the spindle in the other direction, in order thereby to reduce or to increase the distance between the support members. A second upper arm (13) and a second lower arm (14) are provided for each leg (3), the second arms being connected at their first ends with the first upper arm and the first lower arm, respectively, at a position between the outer ends thereof, and which at the second ends are interconnected by a second articulated joint (21) which is provided farther from each other than the first articulated joints, and that a bearing (22) for the spindle is provided at the second articulated joint. The design provides a stable support, while at the same time being production- and mounting-friendly.

IPC 8 full level
B66F 7/06 (2006.01)

CPC (source: EP)
B66F 7/0608 (2013.01); **B66F 7/0633** (2013.01)

Citation (search report)
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• [X] DE 2933171 A1 19810226 - DIETEL ELIAS
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Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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