Title (en)

DEVICE FOR ADJUSTING THE HEIGHT OF AN OPERATION TABLE

Title (de)

VORRICHTUNG ZUR HÖHENVERSTELLUNG EINES OPERATIONSTISCHS

Title (fr)

DISPOSITIF DESTINÉ AU RÉGLAGE EN HAUTEUR D'UNE TABLE D'OPÉRATION

Publication

EP 2962674 B1 20180214 (DE)

Application

EP 15171193 A 20150609

Priority

DE 102014109377 A 20140704

Abstract (en)

[origin: US2016000628A1] A device for height adjustment of an operating table (10), including a lifting carriage (40) which is movable relative to a chassis (38) of the operating table (10), including a primary guide (32, 33) having a first longitudinal axis (L1) about which the lifting carriage (40) is rotatable, including a secondary guide (34a) having a second longitudinal axis (L2), and including a guide means (36) which is connected to the chassis (38) of the operating table (10) and which has a contact area in which the guide means (36) contacts the secondary guide (34a) in a contact area of the secondary guide (34a). The primary guide (32, 33) and the secondary guide (34a) serve for guiding a lifting motion of the lifting carriage (40) within an adjustment range of the lifting carriage (40) parallel to the first longitudinal axis (L1), wherein a plane (E) extending perpendicular to the first longitudinal axis (L1) and through the guide means (36) has a first point of intersection (S1) with the first longitudinal axis (L1) and a second point of intersection (S2) with the second longitudinal axis (L2), and wherein the position (P1, P2) of the second point of intersection (S2) changes by a displacement distance (53) during the lifting motion of the lifting carriage (40) within the adjustment range thereof. The connection between the guide means (36) and the chassis (38) permits a complementing motion of the guide means (36) such that the contact area of the guide means (36) is shiftable by said displacement distance (53).

IPC 8 full level

A61G 13/04 (2006.01); **A61G 13/06** (2006.01)

CPC (source: BR EP RU US)

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