

Title (en)

HEIGHT-ADJUSTABLE FRAME WITH FOLDING LEG ELEMENTS

Title (de)

HÖHENVERSTELLBARES GESTELL MIT KLAPPBAREN BEINELEMENTEN

Title (fr)

CHÂSSIS RÉGLABLE EN HAUTEUR COMPRENANT DES ÉLÉMENTS DE JAMBAGE RABATTABLES

Publication

EP 3311693 B1 20191016 (DE)

Application

EP 17197008 A 20171018

Priority

EP 16194820 A 20161020

Abstract (en)

[origin: US2018110324A1] A height-adjustable frame comprises a first leg element with a first support section, a first foot section and a first adjustment arrangement and a second leg element with a second support section, a second foot section and a second adjustment arrangement. The first support section and the first foot section can be moved relative to each other by means of the first adjustment arrangement. The second support section and the second foot section can be moved relative to each other by means of the second adjustment arrangement. The first leg element can be pivoted about a first pivot axis and the second leg element can be pivoted about a second pivot axis. The frame also has a locking structure and a rotatable shaft arranged between the first leg element and the second leg element to synchronously drive the first adjustment arrangement and the second adjustment arrangement. The shaft comprises a middle section, a first end section pivotable towards the middle section about a first joint axis and a second end section pivotable towards the middle section about a second joint axis. The locking structure locks the first leg element and the second leg element in a folded-out position when the joint axes do not run at least approximately parallel to the pivot axes or, in particular, at least approximately coincide. The locking structure can be unlocked when the joint axes run at least approximately parallel to the pivot axes and, in particular, at least approximately coincide so that the first leg element and the second leg element can be pivoted into a folded-in position.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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