

Abstract

Lifting column for a piece of furniture

The present application relates to a lifting column for a piece of furniture, in particular for a
5 table. The lifting column comprises a first element and also a second element. The second
element is introduced at least some way into the first element. The first element has a
spindle, which extends along the longitudinal axis of the first element and projects at least
some way into the second element. The second element has a rotor, which is mounted in a
rotatable manner in it and has at least one rolling body, which runs in or on a thread helix
10 of the spindle. A rotation of the rotor relative to the spindle gives rise to a linear movement
of the second element relative to the first element. The second element also has an arresting
device, which, in a first state, blocks the rotation of the rotor relative to the spindle and, in
a second state, frees the rotation of the rotor relative to the spindle. At least one leg spring
is clamped in between the rotor and a fastening element, which is fastened on the second
15 element, and this leg spring therefore subjects the rotor to a prestressing force.

(Figure 1)