

Title (en)
ANGLE ADJUSTER AND FURNITURE ITEM USING THE SAME

Title (de)
WINKELVERSTELLER UND MÖBELSTÜCK DAMIT

Title (fr)
ORGANE DE RÉGLAGE D'ANGLE ET MEUBLE L'UTILISANT

Publication
EP 3925488 B1 20231115 (EN)

Application
EP 21178713 A 20210610

Priority
JP 2020105274 A 20200618

Abstract (en)
[origin: EP3925488A1] Provided is an angle adjuster (10) that can avoid destruction or damage of components when an overload is applied and that is reusable after the overload is removed, and a furniture item using the angle adjuster (10). The angle adjuster (10) includes a support (20), a rotating shaft (40) supported at one end of the support (20) so as not to rotate, a winding and tightening member (50) in pressure contact with an outer peripheral surface of the rotating shaft (40), and a rocking body (30) having an attachment portion (32) on one end, the attachment portion (32) being connected to the rotating shaft (40) via the winding and tightening member (50), in which when an overload is applied to the rocking body (30), an increase in a frictional force of the winding and tightening member (50) to the outer peripheral surface of the rotating shaft (40) is restricted, and the overload causes the winding and tightening member (50) to slide on the outer peripheral surface of the rotating shaft (40) and rotate.

IPC 8 full level
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CPC (source: CN EP KR)
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