

Title (en)

HINGE WITH ANTI-JAMMING MECHANISM AND METHOD FOR ADJUSTING SECURING PARTS OF A HINGE

Title (de)

SCHARNIER MIT KLEMMSCHUTZ UND VERFAHREN ZUR VERSTELLUNG VON BEFESTIGUNGSTEILEN EINES SCHARNIERS

Title (fr)

CHARNIÈRE AVEC PROTECTION ANTI-PINCEMENT ET PROCÉDÉ DE POSITIONNEMENT DES PARTIES DE FIXATION D'UNE CHARNIÈRE

Publication

EP 3622141 A1 20200318 (DE)

Application

EP 17780228 A 20170511

Priority

TR 2017000051 W 20170511

Abstract (en)

[origin: WO2018208240A1] The invention relates to a hinge with two securing parts (20, 30) for directly or indirectly securing to two furniture parts (11, 12) which can be pivoted relative to each other, wherein the securing parts (20, 30) are pivotally connected together via a connection assembly (23, 40). A linear guide element (23, 33) is arranged on each of the two securing parts (20, 30), said linear guide elements interacting in order to form a linear guide, and the hinge has a guide device (40) which is designed to adjust the linear guide depending on the interrelated pivot positions of the securing parts (20, 30). The invention further relates to a method for adjusting a first securing part (20) of such a hinge relative to a second securing part (30) in an articulated manner. The hinge and the method allow a pivotal connection between furniture parts with an at least reduced risk of injury.

IPC 8 full level

E05D 3/18 (2006.01)

CPC (source: CN EP US)

E05D 3/06 (2013.01 - CN); **E05D 3/18** (2013.01 - EP US); **E05D 7/0407** (2013.01 - US); **E05D 11/1014** (2013.01 - CN); **E05Y 2800/41** (2013.01 - CN US); **E05Y 2900/20** (2013.01 - CN US)

Citation (search report)

See references of WO 2018208240A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018208240 A1 20181115; CN 108868409 A 20181123; CN 108868409 B 20191101; EP 3622141 A1 20200318; US 11261631 B2 20220301; US 2021277693 A1 20210909

DOCDB simple family (application)

TR 2017000051 W 20170511; CN 201810338586 A 20180416; EP 17780228 A 20170511; US 201716606879 A 20170511