Title (en)

DEVICE FOR GRADUALLY ADJUSTING THE DISTANCE BETWEEN TWO CHAIR-PARTS

Publication

EP 0049758 B1 19841227 (DE)

Application

EP 81106981 A 19810905

Priority

DE 3038880 A 19801015

Abstract (en)

[origin: US4456298A] Mechanism for stepwise adjustment of the distance between a primary element, attached to one part of a chair, and a secondary element attached to another part, characterized by: (a) two stop slides mounted on the primary element to slide in the direction perpendicular to the adjustment direction, between an opening position and a locking position, (b) a number of stop recesses in each stop slide, one above another in the adjustment direction, placed on a first side of each stop slide which faces the other stop slide, and open to the first side, with the stop recesses of the two stop slides lying opposite one another in pairs, (c) an elastic element for pushing the stop slides into the locking position, (d) a bolt passing between the stop slides, perpendicular to the adjustment direction and to the direction of displacement of the stop slides attached to the secondary element, and (e) a spreader mechanism with a mover mounted on the primary element such that it can be shifted parallel to the adjustment direction to displace the stop slides out of the locking position into an opening position with the paired stop recesses of the stop slides in the locking position engaging the bolt from both sides, while in the opening position the bolt can be moved parallel to the adjustment direction between the stop slides.

IPC 1-7

A47C 7/40

IPC 8 full level

C01G 56/00 (2006.01); **A47C 7/40** (2006.01); **C01F 15/00** (2006.01); **G21C 19/46** (2006.01)

CPC (source: EP US)

A47C 7/402 (2013.01 - EP US); Y10T 403/32459 (2015.01 - EP US); Y10T 403/591 (2015.01 - EP US)

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DOCDB simple family (publication)

EP 0049758 A1 19820421; **EP 0049758 B1 19841227**; AT E10901 T1 19850115; DE 3038880 A1 19820506; DE 3038880 C2 19850502; DE 3167953 D1 19850207; JP H034490 B2 19910123; JP S5795833 A 19820614; US 4456298 A 19840626

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