

Title (en)
Chair, particularly a working-chair.

Title (de)
Stuhl, insbesondere Arbeitsstuhl.

Title (fr)
Chaise, notamment chaise de travail.

Publication
EP 0281749 A1 19880914 (DE)

Application
EP 88101154 A 19880127

Priority
AT 28087 A 19870210

Abstract (en)
[origin: US4832402A] A chair, particularly a work chair, includes a mounting plate for fastening a seat and back member. The mounting plate is supported so as to be pivotable with its front end about a horizontally extending axis on a support member which is, in turn, supported by a vertically extending, essentially vertically adjustable support tube and projects laterally relative to the support tube. The mounting plate is supported on its side facing away from the pivoting axis and near the seat and back member by a gas pressure spring. The gas pressure spring has at one end thereof a valve tappet for operating a valve which is integrated in the gas pressure spring, so that the effective length of the gas pressure spring is adjustable. The end of the gas pressure spring with the valve tappet is supported on the support member. A two-armed lever which acts on the valve tappet is pivotally mounted on a bearing block of the support member which bearing block supports the gas pressure spring. One arm of the two-armed lever is connected to a rod-like tension or compression member, the end of the latter being connected to an adjusting member which is pivotable about the pivoting axis of the mounting plate.

Abstract (de)
Der Arbeitsstuhl besitzt eine Montageplatte (3) zur Befestigung eines Sitz-Lehnen-Teiles. Diese Montageplatte (3) ist an ihrer Stirnseite um eine horizontale Achse (4) schwenkbar an einem Stützholm (2) gelagert, der seinerseits am Tragrohr (1) des Stuhles befestigt ist. Zwischen dem Stützholm (2) und der Montageplatte (3) ist eine Schraubenfeder (33) vorgesehen und ferner eine Gasdruckfeder (17) mit einem Ventil, das über einen Ventilstößel (19) betätigbar ist. Durch die Betätigung des Ventilstößels (19) ist die Gasdruckfeder (17) in ihrer wirksamen Länge verstellbar. Mit einem um die Achse (4) der Montageplatte (3) schwenkbaren Stellglied (23) ist über ein Hebelwerk (21, 22) dieser Ventilstößel (19) betätigbar.

IPC 1-7
A47C 3/026

IPC 8 full level
A47C 3/026 (2006.01)

CPC (source: EP US)
A47C 3/026 (2013.01 - EP US)

Citation (search report)
• [Y] DE 2836216 A1 19800228 - PROTONED BV
• [Y] FR 2438990 A1 19800516 - PROTONED BV [NL]
• [A] GB 2119641 A 19831123 - ZUEND & CO AG K
• [A] WO 8103605 A1 19811224 - AMERICAN SEATING CO [US]
• [A] DE 2202107 A1 19730809 - MAUSER KG
• [A] EP 0182161 A1 19860528 - GIROFLEX ENTWICKLUNGS AG [CH]

Cited by
CN111387745A; EP0419404A1; EP3437520A1; WO9007887A1

Designated contracting state (EPC)
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