Title (en)

Chair with adjustment device

Title (de)

Stuhl mit einer Einstellvorrichtung

Title (fr)

Siège avec dispositif de réglage

Publication

EP 1046385 A2 20001025 (EN)

Application

EP 00101070 A 20000120

Priority

IT PD990084 A 19990423

Abstract (en)

The chair adjustment comprises bearing frame (1) with side elements (2), reclining chair back (5) , adjustable device (19) and seat (6). Also included to the frame are wheels (7,8) with bearing structures (9) for footrests. Spacing arms (4) are provided for pivotal connection to the chair back, with the free end of the arms being pivoted. In inclined position, the chair back and the trunk (10) are made to rotate about same axis.
The chair adjustment device comprises coupling means (such as a set of holes or a slot or a plate that can take different orientations) arranged between the chair bearing frame (1) and the chair back (5) for simultaneously varying the position of the pivotal axis of the ends of spacing arms (4) of the chair back (5) with respect to the front edge of the chair seat (6) and the level above the plane of said seat. By such arrangement, the thigh-bone length and the ischial structure of the person which is to use the chair are taken into account and, moreover, when inclining the chair back (5) with respect to the upright position, the chair back (5) and the trunk (10) of the person leaning against the chair back (5) are made concurrently to rotate about a same axis, without causing an undressing of said person. <IMAGE>

IPC 1-7

A61G 5/10

IPC 8 full level

A61G 5/12 (2006.01)

CPC (source: EP)

A61G 5/1054 (2016.11); **A61G 5/1067** (2013.01); **A61G 5/12** (2013.01); A61G 5/1075 (2013.01); A61G 2203/74 (2013.01)

Cited by

EP1820725A3; US8042427B2; US8061667B2; US8201476B2; US8413543B2; US8695454B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1046385 A2 20001025; **EP 1046385 A3 20010919**; **EP 1046385 B1 20070214**; AT E353617 T1 20070315; DE 60033334 D1 20070329; DE 60033334 T2 20071031; ES 2280154 T3 20070916; HK 1031993 A1 20010706; IT 1306651 B1 20011002; IT PD990084 A0 19990423; IT PD990084 A1 20001023

DOCDB simple family (application)

EP 00101070 A 20000120; AT 00101070 T 20000120; DE 60033334 T 20000120; ES 00101070 T 20000120; HK 01102728 A 20010418; IT PD990084 A 19990423