

Title (en)
Swinging supporting frame for a chair seat and back

Title (de)
Schwenkbarer Stützrahmen für einen Sitz oder Rückenlehne

Title (fr)
Cadre de support pivotant pour siège et dossier

Publication
EP 0904713 A3 20000503 (EN)

Application
EP 98105311 A 19980324

Priority
IT PC970026 A 19970922

Abstract (en)
[origin: EP0904713A2] A swinging supporting frame for a chair seat and back, comprising: a substantially horizontal arm (1) for fastening a chair seat; a telescopic rod (2) supporting the chair back and being hinged to said arm (1); one or more springs (40) acting on said vertical rod to push the chair back forward; a spacer (44) inserted between the walls (5) of said horizontal arm; and screw means (16) for pressing the walls of said telescopic rod (2) against the walls (5) of said arm (1) and against said spacer (44) to lock the chair back in position, wherein said springs (40) are helical springs inserted onto the hinge pin (6) which is fitted on said arm (1) and said telescopic rod (2), one of the ends of said springs acting directly against the wall of said arm (1) and the other spring end acting against said rod, in particular against said spacer (44) inserted on said clamping screw means. A plurality of friction plates (10) are arranged between said spacer (44) and the walls of said arm (1), and in order to position and set up said plates (10), said frame includes a pair of teeth (8, 9) obtained in the walls (5) of said arm by blanking and drawing. <IMAGE>

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A47C 7/44

IPC 8 full level
A47C 1/027 (2006.01); **A47C 7/44** (2006.01)

CPC (source: EP US)
A47C 1/027 (2013.01 - EP); **A47C 7/444** (2018.08 - EP US)

Citation (search report)
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• [A] US 5066069 A 19911119 - DEGELDER JACOB [US]
• [A] WO 9409682 A1 19940511 - DOERNER PROD LTD [CA]
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