

Title (en)  
Locking system for an office chair.

Title (de)  
Riegelvorrichtung für einen Bürostuhl.

Title (fr)  
Dispositif de verrouillage pour une chaise de bureau.

Publication  
**EP 0460717 B1 19941214 (DE)**

Application  
**EP 91114245 A 19880913**

Priority  
• EP 88114926 A 19880913  
• US 10272487 A 19870930

Abstract (en)  
[origin: US4840426A] An office chair in which a backrest and seat are articulated together and the resulting assembly pivotally suspended from the rear end of the side arms which form a pivot point positioned at or near the center of gravity of the chair when occupied. The pivot point is fixed in space by an underlying support system. The lower end of the arm rest is affixed to the rear transverse support arm of a support frame which is, in turn, mounted on the upper end of a vertical support column. The front end of the set member is slidably mounted on a forward cross arm of the support frame through a hexagonally-shaped sliding/locking member in such manner that the back rest and seat may be selectively locked in position or released to adjustably recline (backrest) and slide (seat). The articulated connected between the back rest and seat member is positioned beneath and rearwardly of the aforementioned point of pivotal suspension, so that when the back rest is tilted rearwardly from an upright position the rear portion of the seat member is caused to lower slightly as it slides forwardly. All controls for the chair are located on either end of the aforementioned support arm.

IPC 1-7  
**A47C 1/032**; **E05C 17/28**

IPC 8 full level  
**A47C 1/032** (2006.01); **A47C 3/026** (2006.01)

CPC (source: EP US)  
**A47C 1/0325** (2013.01 - EP US); **A47C 1/03255** (2013.01 - EP US); **A47C 1/03266** (2013.01 - US); **A47C 1/03272** (2013.01 - US); **A47C 1/03294** (2013.01 - EP US); **A47C 1/03266** (2013.01 - EP); **A47C 1/03272** (2013.01 - EP)

Cited by  
US6945605B2; DE4209049A1; DE4303324A1; EP1825780A1; EP1941815A3; EP1410738A1; DE4209050A1; DE10030022C2; EP2468139A1; CN102525159A; US6935689B2; WO2007095960A1; US8100477B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0309804 A2 19890405**; **EP 0309804 A3 19890920**; **EP 0309804 B1 19921223**; AT E115375 T1 19941215; AT E83624 T1 19930115; AU 2295588 A 19890406; AU 598180 B2 19900614; DE 3852505 D1 19950126; DE 3876922 D1 19930204; DK 499988 A 19890331; DK 499988 D0 19880908; EP 0460717 A2 19911211; EP 0460717 A3 19920520; EP 0460717 B1 19941214; ES 2037782 T3 19930701; ES 2067103 T3 19950316; FI 884467 A0 19880929; FI 884467 A 19890331; GR 3007435 T3 19930730; NO 884328 D0 19880929; NO 884328 L 19890331; US 4840426 A 19890620

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**EP 88114926 A 19880913**; AT 88114926 T 19880913; AT 91114245 T 19880913; AU 2295588 A 19880929; DE 3852505 T 19880913; DE 3876922 T 19880913; DK 499988 A 19880908; EP 91114245 A 19880913; ES 88114926 T 19880913; ES 91114245 T 19880913; FI 884467 A 19880929; GR 930400622 T 19930323; NO 884328 A 19880929; US 10272487 A 19870930