

Title (en)  
LOCKING DEVICE FOR CHAIRS, ESPECIALLY OFFICE CHAIRS

Publication  
**EP 0406706 B1 19921223 (DE)**

Application  
**EP 90112383 A 19900629**

Priority  
DE 3921757 A 19890701

Abstract (en)  
[origin: EP0406706A1] The blocking device is intended for chairs, especially office chairs, on which the seat and/or the back is/are sprung to be with inclination-adjustable relative to the chair mount and can be locked in at least one position on the mount. The device consists of two blocking members (10, 11) which are mounted pivotably on an axle by means of an adjusting member (4) and of which the blocking slots, provided with a blocking-bolt recess and corresponding in length to the maximum inclination setting, have passing through them a blocking bolt (6) located on the chair mount. According to the invention, the two blocking members (10, 11) are mounted pivotably relative to one another about the common axle (3) belonging to the seat (1) and/or to the back (2) and moveable together with the seat and/or back and are laid, in an oppositely directed manner, against the blocking bolt (6), so as to surround this, by means of a spring (5) acting on the two blocking members. The blocking slots (8, 9) of the blocking members (10, 11) have on mutually opposed slot flanks (12, 13) respective blocking noses (14, 15), of which one (15) is arranged radially higher in relation to the common axle (3) than the other (14), in such a way that, in the blocking position, the two noses (14, 15) block the blocking bolt (6). <IMAGE>

IPC 1-7  
**A47C 1/032**

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

CPC (source: EP)  
**A47C 1/03255** (2013.01)

Cited by  
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**EP 0406706 A1 19910109; EP 0406706 B1 19921223**; AT E83626 T1 19930115; DE 3921757 A1 19910110; DE 59000645 D1 19930204; ES 2037510 T3 19930616; GR 3006657 T3 19930630

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