

Title (en)  
Pivot mounting for a chair

Title (de)  
Stuhlmechanik

Title (fr)  
Ferrure de basculement pour une chaise

Publication  
**EP 0592369 B1 19960814 (DE)**

Application  
**EP 93810698 A 19931005**

Priority  
CH 314592 A 19921008

Abstract (en)  
[origin: EP0592369A1] The subject-matter here is a pivot mounting (1) for office chairs, in the form of a synchronising mechanism with integrated negative tilting. The aim is the realisation of all sitting postures occurring during office work, in particular the correction of damaging continuous sitting. The primary novel features are the arrangement, functioning and connection of the pivot shafts and also the formation of the seat support (4) inside the chair pivot mounting (1). The components used are less expensive mechanical springs - in contrast to gas springs. The springing during the synchronous movement is provided by means of a torsion bar (9), whereas the negative tilting uses compression springs (21). The mounting offers a series of options - arresting of certain functions - for special applications. As well as the wide movement play, the device is notable for a compact and efficient construction. <IMAGE>

IPC 1-7  
**A47C 1/032**; **A47C 3/026**

IPC 8 full level  
**A47C 1/032** (2006.01); **A47C 3/026** (2006.01); **A47C 7/14** (2006.01)

CPC (source: EP US)  
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Cited by  
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