

Title (en)
SAFETY LOCKING DEVICE

Publication
EP 0262359 B1 19900822 (DE)

Application
EP 87111716 A 19870813

Priority
DE 3629882 A 19860902

Abstract (en)
1. A chair with coupled backrest-seat adjustment subject to spring action, the seat (2) and backrest (3) thereof being attached to a support (4), the support (4) possessing a support arm (6) which is connected to a vertical tube (5) and has the seat (2) mounted thereto so as to be capable of swivelling up and down, as well as a back support (8) firmly connected to the backrest (3) and support arm (6) by way of a sliding-pivot bearing (7), the sliding-pivot bearing (7) on the one hand having a guide slot (9) or like guide members and on the other hand a guide element (10) engaging therein, characterized in that the slidable guide element (10) is connected to a first detent member (11) and the support arm is connected to a second detent member (12) of a click-stop device and that arresting projections (13) and arresting recesses (14) of the detent members are oriented transversely to the direction of shift and have stop faces (15) acting in the direction of shift, said arresting projections and arresting recesses being devised for the stop faces (15) to be clamped with static friction locking the click-stop device when the seat (2) is unweighted or weighted only at the front and the backrest (3) is at the same time unweighted.

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

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

CPC (source: EP US)
A47C 1/03238 (2013.01 - EP US); **A47C 1/03255** (2013.01 - EP US)

Cited by
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US 4943115 A 19900724; AT E55681 T1 19900915; DE 3629882 A1 19880310; DE 3629882 C2 19901129; DE 3764439 D1 19900927; EP 0262359 A2 19880406; EP 0262359 A3 19880608; EP 0262359 B1 19900822

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