

Title (en)
Seat bearing with synchronised mechanism

Title (de)
Sitzteillagerung mit Synchronmechanik

Title (fr)
Support pour siège avec mécanisme synchronisé

Publication
EP 1051931 A1 20001115 (DE)

Application
EP 00110052 A 20000512

Priority
DE 29908599 U 19990514

Abstract (en)
The synchronous mechanism (10) is positioned between the seat and foot structures. The synchronous mechanism, at the top end a support column (41) of the foot structure has a housing (11) to which are swivel-linked a first swivel arm (12a) with backrest fitment, and a second swivel arm (12b) supporting the support part (21) of the link part (20). The side of the support part of the link part facing away from the synchronous mechanism has an upward curved support surface (23) in the middle of which is a plate (22) supporting the seat (31), swiveling to all sides, and connected by an elastic connecting element.

Abstract (de)
Es wird eine Sitzteillagerung für eine Sitzvorrichtung beschrieben, bei der eine Synchronmechanik (10) und ein Gelenkteil (20) zwischen einem Sitzaufbau (30) und einem Fußaufbau (40) derart angebracht sind, daß der Sitzaufbau (30) gegenüber dem Fußaufbau (40) in einer ersten Schwenkrichtung entsprechend der Schwenkrichtung der Synchronmechanik (10) und in Bezug auf die Synchronmechanik (10) allseits verschwenkbar ist. <IMAGE>

IPC 1-7
A47C 9/00; A47C 1/032

IPC 8 full level
A47C 1/032 (2006.01); **A47C 9/00** (2006.01)

CPC (source: EP)
A47C 1/022 (2013.01); **A47C 1/024** (2013.01); **A47C 9/002** (2013.01)

Citation (applicant)
DE 2951679 A1 19810702 - NATTERMANN A & CIE [DE]

Citation (search report)
• [A] DE 9400040 U1 19940630 - MACHON DOROTHEA [DE]
• [A] US 5048893 A 19910917 - COWAN BENJAMIN [CA], et al
• [A] WO 9848668 A1 19981105 - HAWORTH INC [US]
• [A] WO 9203072 A1 19920305 - RING MEKANIKK AS [NO]
• [DA] DE 29516794 U1 19951207 - FRESE WALTER [DE], et al
• [A] DE 4424932 A1 19960118 - FRESE WALTER [DE], et al

Cited by
DE102011001811A1; DE102011001811A8; EP1332696A3; DE202009009612U1; DE202023101105U1; EP1946676A1; US7637570B2; DE102007002284A1; DE202007018357U1; EP2142398B2

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