

Title (en)

SEAT, IN PARTICULAR A WORK SEAT SUCH AS AN OFFICE CHAIR OR VEHICLE SEAT

Publication

EP 0303720 B1 19910410 (DE)

Application

EP 87111789 A 19870814

Priority

EP 87111789 A 19870814

Abstract (en)

[origin: JPH0197411A] PURPOSE: To easily adjust the inclined angle of a leaning part without taking a space by moving the free end of the second division part of a leaning part supporting body device to a rear part and a lower part by the forward motion of a sitting part supporting body device. CONSTITUTION: The end part of a turning shaft 14 in common to a leaning supporting body 10 and a sitting part supporting body 12 is guided by a pair of rails 16, the division part 10a of the supporting body 10 extended to the lower part of the supporting body 12 is guided by a pair of the rails 20 at a position away from the turning shaft 14, and thus, the free end or upper end of the division part 10b of the supporting body 10 is moved to the lower part in an opposite direction accompanying the forward motion of the supporting body 12. The backward motion of the leaning part is offset by the forward motion of the sitting part supporting body 12 so to speak, and the rotary motion point of a sitting person upper body is hardly moved at the time of adjusting the inclination angle of the leaning part and is kept at the almost same level close to a sitting person abdominal part near a work surface or a desk. The position and motion by the adjustment of the leaning part are determined by the shape and arrangement of the rails 16 and 20.

IPC 1-7

A61F 2/30

IPC 8 full level

A47C 3/026 (2006.01); **A47C 1/032** (2006.01); **B61D 33/00** (2006.01)

CPC (source: EP US)

A47C 1/032 (2013.01 - EP US); **A47C 1/03255** (2013.01 - EP US); **A47C 1/03294** (2013.01 - EP US); **B61D 33/00** (2013.01 - EP US)

Cited by

US5354120A; EP0481292A1; EP0399251A1; ITLI20130004A1; AU721283B3; FR3095423A1; CN106974460A; LT3458B; US11542012B2; WO2015196850A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0303720 A1 19890222; **EP 0303720 B1 19910410**; AT E62389 T1 19910415; AU 2049188 A 19890216; AU 597846 B2 19900607; CA 1286589 C 19910723; DE 3769316 D1 19910516; ES 2021653 B3 19911116; JP H0197411 A 19890414; US 4842333 A 19890627; ZA 885880 B 19890426

DOCDB simple family (application)

EP 87111789 A 19870814; AT 87111789 T 19870814; AU 2049188 A 19880808; CA 574060 A 19880805; DE 3769316 T 19870814; ES 87111789 T 19870814; JP 20179588 A 19880812; US 22475088 A 19880727; ZA 885880 A 19880810