

Title (en)
CHAIR, IN PARTICULAR OFFICE-CHAIR

Publication
EP 0417518 B1 19930303 (DE)

Application
EP 90116132 A 19900823

Priority
DE 3930361 A 19890912

Abstract (en)
[origin: JPH03121012A] PURPOSE: To suffice for the requirements of a functionality and a human engineering factor, and obtain a wide use type chair capable of manufacturing by a lower cost by making the two free end portions of an almost U-shaped leg spring movably and lockably inserted into a sleeve supported by a receiving plate at the lower side, and the approximately one third portion of the center of a sheet movable. CONSTITUTION: The approximately one third or one fourth portion of the front portion of a sheet portion 20 is made of a comparatively thin and elastic material such as a plastic, and is fixed on a supporting plate 18. A receiving plate 22 is elongated toward a lateral direction over the sheet portion 20, and provides a rigidity as well as the front supporting plate 18, and fixed to the below of the sheet portion at the rear position of approximately one third of the sheet portion 20. And the approximately one third portion of the center of the sheet portion is made movable. The front top portion 26 of the U-shaped leg spring 24 of a main portion is supported by an adjusting screw 28 at the below of a front bracket 16. The rear end portion 36, 40 of the leg spring 24 is guided from the upper side of a journal portion 34, 36 to the lower side of the receiving plate 22, and can be locked by changing the position of the longitudinal direction.

IPC 1-7
A47C 1/031; **A47C 7/14**

IPC 8 full level
A47C 1/031 (2006.01); **A47C 1/032** (2006.01); **A47C 3/026** (2006.01); **A47C 7/14** (2006.01); **A47C 7/44** (2006.01)

CPC (source: EP KR US)
A47C 1/032 (2013.01 - KR); **A47C 1/03255** (2013.01 - EP US); **A47C 1/03266** (2013.01 - EP US); **A47C 1/03277** (2013.01 - US); **A47C 1/03279** (2018.07 - EP US); **A47C 7/14** (2013.01 - KR US); **A47C 7/444** (2018.07 - EP US)

Cited by
EP0609782A1; CN103271566A; US6188970B1; WO0191613A1

Designated contracting state (EPC)
DK ES FR GB IT SE

DOCDB simple family (publication)
EP 0417518 A1 19910320; **EP 0417518 B1 19930303**; DE 3930361 A1 19910321; DE 3930361 C2 19931104; ES 2038025 T3 19930701; JP H03121012 A 19910523; JP H0736777 B2 19950426; KR 910005808 A 19910427; KR 950014763 B1 19951214; US 5114211 A 19920519

DOCDB simple family (application)
EP 90116132 A 19900823; DE 3930361 A 19890912; ES 90116132 T 19900823; JP 24230790 A 19900911; KR 900014376 A 19900912; US 58173090 A 19900912