

Title (en)

Rolling axis adjusted tilt chair mechanism

Title (de)

Rollachsenangepasster Kippstuhlmechanismus

Title (fr)

Mécanisme de chaise inclinable à axe de roulement ajusté

Publication

EP 2409602 A2 20120125 (EN)

Application

EP 10252268 A 20101231

Priority

CN 201020264417 U 20100720

Abstract (en)

A component of swivel chair, especially a chair mechanism with rolling axis adjustment. It mainly solves the technical problem that the same mechanism cannot satisfy different people with different weight. The mechanism including base plate (1), middle block (2), back bracket (3), wherein in said base plate (1) there is an oval hole at the rear part (4), mid of the base plate stamped the 2 nd oval hole (5), the 1 st oval hole through the 1 st rolling axis (6) connect base plate (1), middle block (2), back bracket (3), the 2 nd oval hole through 2 nd rolling axis (7) connect base plate (1), middle block (2), middle block front part has the 3 rd oval hole (8), the 3 rd oval hole through 3 rd rolling axis (9) connect base plate (1) and mid block (2).

IPC 8 full level

A47C 1/032 (2006.01)

CPC (source: EP US)

A47C 1/03255 (2013.01 - EP); **A47C 1/03274** (2018.07 - EP US); **A47C 1/03294** (2013.01 - EP)

Citation (applicant)

CN 2587252 Y 20031126 - YANG XIQI [CN]

Cited by

KR101691860B1; WO2017164497A1; US11350750B2; WO2015161281A1; US9801471B2; US10455940B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2409602 A2 20120125; **EP 2409602 A3 20130109**; **EP 2409602 B1 20140618**; CN 201743286 U 20110216

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EP 10252268 A 20101231; CN 201020264417 U 20100720