

Title (en)
Chair with seat and backrest with synchronized movement

Title (de)
Sessel mit Sitz und Rücklehne mit synchronisierter Bewegung

Title (fr)
Chaise avec siège et dossier à mouvement synchronisé

Publication
EP 1878360 A1 20080116 (EN)

Application
EP 06425482 A 20060711

Priority
EP 06425482 A 20060711

Abstract (en)
Chair comprising: - a support base (12), - a seat (14) including a support structure (38) that is movable relative to the support base (12) between a lowered position and a raised position, and a backrest (16) having a support structure (22) articulated to the support base (12) around a transverse axis (28) and oscillating around said axis between a position of maximum forward inclination and a position of maximum backward inclination, in which the seat (14) and the backrest (16) are mutually connected in such a way that when the backrest is in the position of maximum forward inclination the seat is in the lowered position and when the backrest is in the position of maximum backward inclination the seat is in the raised position. The support structure of the seat (38) is connected to the support base (12) by means of at least one rocking lever (58) articulated to the support base (12) and to the support structure of the backrest (38) around two mutually parallel transverse axes (60, 62). The support structure of the backrest (22) comprises two lateral sections (26) each of which has a connecting portion (34) that extends beyond the axis of articulation (28) of the backrest (16) to the support base (12), the connecting portions (34) being articulated to the support structure of the seat (38) around a transverse axis (56) displaced forward relative to the axis of articulation (28) of the backrest (16).

IPC 8 full level
A47C 1/024 (2006.01)

CPC (source: EP US)
A47C 1/03233 (2013.01 - EP US); **A47C 1/03238** (2013.01 - EP US); **A47C 1/03255** (2013.01 - EP US); **A47C 1/03277** (2013.01 - EP US)

Citation (search report)
• [XA] WO 0232260 A1 20020425 - CIONCADA ENRICO [IT]
• [XA] US 2005146184 A1 20050707 - MACHAEL JAY R [US], et al
• [XA] WO 02102199 A1 20021227 - HON TECH INC [US]
• [A] US 2003230918 A1 20031218 - SERBER HECTOR [US]

Cited by
JP2020508778A; WO2018160647A1; US10231546B2; US10743667B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1878360 A1 20080116; CA 2593292 A1 20080111; CN 101103865 A 20080116; JP 2008018239 A 20080131; MX 2007008192 A 20090107; US 2008012412 A1 20080117

DOCDB simple family (application)
EP 06425482 A 20060711; CA 2593292 A 20070711; CN 200710129093 A 20070711; JP 2007179728 A 20070709; MX 2007008192 A 20070704; US 77296707 A 20070703