

Title (en)

CHAIR HAVING SWING MOTION FUNCTION AND SWING MODULE FOR USE THEREIN

Title (de)

STUHL MIT SCHWINGBEWEGUNGSFUNKTION UND SCHWINGMODUL ZUR VERWENDUNG DARIN

Title (fr)

CHAISE AYANT UNE FONCTION DE MOUVEMENT DE BASCULEMENT ET MODULE DE BASCULEMENT DESTINÉ À ÊTRE UTILISÉ DANS CELLE-CI

Publication

EP 3539622 A4 20200624 (EN)

Application

EP 17868703 A 20171102

Priority

- KR 20160148250 A 20161108
- KR 2017012288 W 20171102

Abstract (en)

[origin: EP3539622A1] The present invention provides a chair having a swing motion function and a swing module for use therein, the chair comprising: a leg module formed to be supported on the floor; a seat module disposed above the leg module and formed to support the body of a user; and a swing module configured to connect the leg module and the seat module and swing the seat module to both sides of the user with reference to the leg module as the user sitting on the seat module moves from side to side, wherein the swing module comprises: a lower fixed unit coupled to the leg module; an upper moving unit coupled to the seat module; and a link unit having a lower connection end rotatably connected to the lower fixed unit and an upper connection end rotatably connected to the upper moving unit so as to allow the upper moving unit to swing about the lower fixed unit.

IPC 8 full level

A47C 7/02 (2006.01); **A47C 7/62** (2006.01); **A47C 9/00** (2006.01); **A63B 23/02** (2006.01)

CPC (source: EP KR US)

A47C 3/0255 (2013.01 - EP US); **A47C 3/026** (2013.01 - EP US); **A47C 7/02** (2013.01 - KR); **A47C 7/14** (2013.01 - US); **A47C 7/628** (2018.07 - KR); **A63B 21/4033** (2015.10 - KR); **A63B 21/4045** (2015.10 - KR); **A63B 21/4049** (2015.10 - KR); **A63B 23/03516** (2013.01 - KR); **A63B 23/04** (2013.01 - KR); **A63B 21/068** (2013.01 - EP); **A63B 23/0227** (2013.01 - EP); **A63B 2210/02** (2013.01 - KR)

Citation (search report)

- [Y] CN 201019304 Y 20080213 - YALUN DU [US]
- [Y] KR 101623738 B1 20160524 - SIM HYON [KR]
- [A] US 2008153673 A1 20080626 - LIN KUAN-I [TW]
- [A] EP 0888154 A1 19990107 - ROTHHAUPT DIRK DR MED [DE], et al
- [A] US 5427433 A 19950627 - HOLOBAUGH JR RAYMOND E [US]
- See references of WO 2018088752A1

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

DOCDB simple family (publication)

EP 3539622 A1 20190918; **EP 3539622 A4 20200624**; CN 208524225 U 20190222; JP 2020500668 A 20200116; KR 102079365 B1 20200219; KR 20180051214 A 20180516; US 2021289940 A1 20210923; WO 2018088752 A1 20180517

DOCDB simple family (application)

EP 17868703 A 20171102; CN 201721477350 U 20171108; JP 2019545220 A 20171102; KR 20160148250 A 20161108; KR 2017012288 W 20171102; US 201716348301 A 20171102