

Title (en)

Powered rocker and glider recliner linkage mechanisms

Title (de)

Verbindungsmechanismen für angetriebenen Schaukel- und Lehnstuhl

Title (fr)

Mécanismes de liaison assistée pour fauteuil à bascule et fauteuil inclinable à patins

Publication

**EP 2878229 A1 20150603 (EN)**

Application

**EP 14197648 A 20110106**

Priority

- US 29555410 P 20100115
- US 29554610 P 20100115
- US 87049810 A 20100827
- US 98117610 A 20101229
- EP 11733214 A 20110106

Abstract (en)

A pair of generally mirror-image linkage mechanisms (100; 1000) is adapted to move a seating unit (10) between a closed, an extended, and a reclined position. Each of the linkage mechanisms (1000) comprises a sequence link (550) having a guide slot (551) including a first region (555) and a second region (556), and a sequence element (526) that extends into the guide slot (551). The sequence element (526) resides within the second region (556) when the seating unit (10) is adjusted to the reclined position or to the closed position, and the interaction of the sequence element (526) and the sequence link (550) resists adjustment of the seating unit (10) to the closed position and to the reclined position, respectively. The sequence element (526) resides within the first region (555) when the seating unit (10) is adjusted to the extended position, and the interaction of the sequence element (526) and the sequence link (550) allows adjustment of the seating unit (10) to either the reclined position or to the closed position.

IPC 8 full level

**A47C 1/031** (2006.01); **A47C 1/0355** (2013.01); **A47C 3/027** (2006.01)

CPC (source: EP US)

**A47C 1/0355** (2013.01 - EP); **A47C 3/027** (2013.01 - EP US)

Citation (search report)

- [X] US 2006273631 A1 20061207 - WHITE NIKKI [US], et al
- [X] US 4707025 A 19871117 - ROGERS JR WALTER C [US]
- [X] US 7021711 B1 20060404 - HOFFMAN D STEPHEN [US], et al
- [A] US 2003047973 A1 20030313 - PELLERIN RENE [CA]

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)

**WO 2011087955 A1 20110721**; AU 2011205500 A1 20120607; AU 2011205500 B2 20150528; AU 2015218473 A1 20150917; AU 2015218473 B2 20170119; CA 2781057 A1 20110721; CA 2781057 C 20180918; CN 102133005 A 20110727; CN 102133005 B 20160217; EP 2523578 A1 20121121; EP 2523578 A4 20131225; EP 2523578 B1 20150617; EP 2878229 A1 20150603; EP 2878229 B1 20160928; ES 2544286 T3 20150828; ES 2609252 T3 20170419; MX 2012008208 A 20120808; MX 337829 B 20160322

DOCDB simple family (application)

**US 2011020387 W 20110106**; AU 2011205500 A 20110106; AU 2015218473 A 20150826; CA 2781057 A 20110106; CN 201110021296 A 20110114; EP 11733214 A 20110106; EP 14197648 A 20110106; ES 11733214 T 20110106; ES 14197648 T 20110106; MX 2012008208 A 20110106