

Title (en)  
AUTOMATIC RECLINING SEAT

Title (de)  
AUTOMATISCHER LIEGESITZ

Title (fr)  
SIÈGE RABATTABLE AUTOMATIQUE

Publication  
**EP 2873346 A1 20150520 (EN)**

Application  
**EP 12880870 A 20120712**

Priority  
ES 2012000193 W 20120712

Abstract (en)  
This invention relates to an automatic reclining seat that can recline according to the angle desired by the weight of the user. The seat comprises a bedplate (E) that supports the assembly formed by the base of the seat (S) and the back rest (R). The base of the seat (S) also comprises two fixed rotating support points (A and A') and two other floating points (C and C'), shared with the back rest (R); The back rest is also supported by springs M and M') joined to the reclining mechanism, which, in turn, is connected to the assembly made up of the base of the seat (S) and the back rest (R) by means of the floating supporting points (C and C'), said mechanism comprising connecting rods (H and H') that are joined, by one of the ends thereof, to one of the floating points (C and C') and the other end of each connecting rod (H and H') being provided with a wheel (r and r') or ferrule (q and q') that is supported on a rail-guide (G and G') on which said end of each connecting rod (H and H') can slide.

IPC 8 full level  
**A47C 1/032** (2006.01)

CPC (source: EP US)  
**A47C 1/032** (2013.01 - EP); **A47C 1/03272** (2013.01 - EP US); **A47C 1/143** (2013.01 - EP)

Cited by  
CN111728408A

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 2873346 A1 20150520**; **EP 2873346 A4 20160330**; **EP 2873346 B1 20161214**; ES 2618218 T3 20170621; WO 2014009572 A1 20140116

DOCDB simple family (application)  
**EP 12880870 A 20120712**; ES 12880870 T 20120712; ES 2012000193 W 20120712