

Title (en)
A SEAT

Title (de)
SITZ

Title (fr)
SIÈGE

Publication
EP 2723215 A1 20140430 (EN)

Application
EP 12730022 A 20120621

Priority
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Abstract (en)
[origin: GB2492188A] A seat with a contoured pan is adapted to support each ischial tuberosity of the pelvis of the user. The contoured pan further comprises two concavely shaped pads 14 adapted to support the thighs of a user at an optimal selected angle of 27 degrees to the horizontal plane, or at least within the range of 22-32 degrees to the horizontal. The seat further includes a leaf spring 22 linkage between the rear sides of the pads 14 that allows for roll movement as a user sits on the seat. A back portion 19 is pivotally mounted to the distal end of the seat. When the user sits down a force F is applied to the seat and the back moves in a direction L toward the vertical engaging with the user. The combined features enable a user to be directed into a comfortable seating position that emulates the shape of the spine when standing.

IPC 8 full level
A47C 7/14 (2006.01); **A47C 7/02** (2006.01); **A47C 9/02** (2006.01)

CPC (source: EP KR US)
A47C 7/02 (2013.01 - US); **A47C 7/024** (2013.01 - EP KR US); **A47C 7/14** (2013.01 - EP KR US); **A47C 7/144** (2018.07 - KR); **A47C 7/405** (2013.01 - EP KR US); **A47C 7/46** (2013.01 - KR); **A47C 9/005** (2013.01 - EP US); **A47C 9/025** (2013.01 - EP US)

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DOCDB simple family (publication)
GB 201200514 D0 20120229; **GB 2492188 A 20121226**; AP 2014007353 A0 20140131; AU 2012273720 A1 20140116; AU 2012273720 A2 20140417; BR 112013033308 A2 20170307; CA 2840357 A1 20121227; CN 103747707 A 20140423; EP 2723215 A1 20140430; EP 2723215 B1 20141119; ES 2530177 T3 20150226; GB 201110748 D0 20110810; IN 166DEN2014 A 20150522; JP 2014516748 A 20140717; KR 20140046443 A 20140418; MX 2013015433 A 20141014; PL 2723215 T3 20150430; RU 2013157389 A 20150727; US 2014132051 A1 20140515; WO 2012175963 A1 20121227

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