

Title (en)
BICYCLE SEAT

Title (de)
FAHRRADSITZ

Title (fr)
SELLE DE BICYCLETTE

Publication
EP 2920048 A4 20160706 (EN)

Application
EP 13855987 A 20131108

Priority
• US 201213675864 A 20121113
• US 201313891313 A 20130510
• US 2013069125 W 20131108

Abstract (en)
[origin: WO2014078185A1] Among other things, a structure supports the ischial tubularities of a user of a device to which the structure is attached, while gravity is applying a downward force on the ischial tubularities and the user's legs are engaged in motion during which forces are being applied that tend to cause the user's respective ischial tubularities to move relative to a frame of the device. The structure includes two buttock supports having surfaces against which the bottom surfaces of the user's respective buttocks bear during the motion. A mechanism connects the two buttock supports to the frame of the device to permit simultaneously (1) free motion of the two buttock supports (a) up and down relative to a frame of the device and (b) back and forth relative to the frame of the device and (2) free variation of the angular orientations of the bottom surfaces of the user's buttocks back and forth, relative to a hypothetical horizontal plane that is fixed relative to the frame of the device.

IPC 8 full level
B62J 1/00 (2006.01)

CPC (source: EP)
B62J 1/005 (2013.01); **B62J 1/02** (2013.01)

Citation (search report)
• [X1] WO 0009386 A1 20000224 - UNGER JOSEPH F JR [US]
• See references of WO 2014078185A1

Cited by
US9738341B2; US10246154B2

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 2014078185 A1 20140522; WO 2014078185 A8 20141231; EP 2920048 A1 20150923; EP 2920048 A4 20160706;
JP 2015533728 A 20151126

DOCDB simple family (application)
US 2013069125 W 20131108; EP 13855987 A 20131108; JP 2015541918 A 20131108