

Title (en)
LOWER BACK PAIN TREATMENT AND SPINAL PROTECTION DEVICE

Title (de)
VORRICHTUNG ZUR BEHANDLUNG VON KREUZSCHMERZEN UND ZUM SCHUTZ DER WIRBELSÄULE

Title (fr)
TRAITEMENT DE LA DOULEUR LOMBAIRE ET DISPOSITIF DE PROTECTION DE LA COLONNE VERTÉBRALE

Publication
EP 3209250 A4 20180725 (EN)

Application
EP 15852181 A 20151022

Priority

- US 201462122467 P 20141022
- US 201514615841 A 20150206
- US 2015056916 W 20151022

Abstract (en)
[origin: WO2016065147A1] The present disclosure provides for a low back pain solution device design for individuals with acute or chronic lower back pain, individuals who are post-spinal surgery, or individuals who are pregnant and are experiencing low back pain or back injury. The device allows a user to continuously wear something that is both comfortable and discrete. The device accomplishes this task by flanking a users lumbar and erector spinae muscles with soft yet firm cushions. This protects a users lower spine processes and their peripheral nerves from be touched by any object that has the potential to compress it during sitting, sleeping or driving.

IPC 8 full level
A61F 5/02 (2006.01)

CPC (source: EP)
A61F 5/028 (2013.01)

Citation (search report)

- [X] US 4991573 A 19910212 - MILLER DONALD L [US]
- [X] US 2004077981 A1 20040422 - WEAVER EDWARD L [US], et al
- [XD] EP 1452155 A2 20040901 - WONG CHO KEE [CN]
- [XD] US 5651763 A 19970729 - GATES YOKO C [US]
- See references of WO 2016065147A1

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)
WO 2016065147 A1 20160428; AU 2015335797 A1 20170518; AU 2015335797 B2 20181018; BR 112017007878 A2 20181106; CA 2965181 A1 20160428; CA 2965181 C 20190820; CN 107072804 A 20170818; EP 3209250 A1 20170830; EP 3209250 A4 20180725; MX 2017005178 A 20170727; MX 366261 B 20190704

DOCDB simple family (application)
US 2015056916 W 20151022; AU 2015335797 A 20151022; BR 112017007878 A 20151022; CA 2965181 A 20151022; CN 201580057654 A 20151022; EP 15852181 A 20151022; MX 2017005178 A 20151022