

Title (en)
DYNAMIC LUMBAR REALIGNMENT SYSTEM

Title (de)
DYNAMISCHES LENDENNEUAUSRICHTUNGSSYSTEM

Title (fr)
SYSTÈME DE RÉALIGNEMENT LOMBAIRE DYNAMIQUE

Publication
EP 3131509 A1 20170222 (EN)

Application
EP 15826727 A 20150731

Priority
• US 201462031242 P 20140731
• US 2015043074 W 20150731

Abstract (en)
[origin: WO2016019222A1] A dynamic lumbar realignment system includes a compressive lower body garment that provides abdominal compression and a stabilizing strap that induces thigh rotation in order to produce a therapeutic effect. Pelvic tilt provided by the compressive lower body garment and thigh rotation provided by the stabilizing strap assist the user in maintaining proper posture. The stabilizing strap is arranged and oriented on the compressive lower body garment in a therapeutic orientation path that enables the stabilizing strap to exert a desired therapeutic effect on the user. The therapeutic orientation path is defined by a combination of a plurality of strap- supporting attachment points and a plurality of strap-guiding attachment points on the compressive lower body garment. Numerous variants of the dynamic lumbar realignment system are available to address various issues such as lumbar hyperlordosis and lumbar hypolordosis.

IPC 8 full level
A61F 5/01 (2006.01)

CPC (source: EP)
A61F 5/0193 (2013.01); **A61F 5/028** (2013.01); **A61N 1/36003** (2013.01)

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 2016019222 A1 20160204; CN 106488755 A 20170308; EP 3131509 A1 20170222; EP 3131509 A4 20180110

DOCDB simple family (application)
US 2015043074 W 20150731; CN 201580031495 A 20150731; EP 15826727 A 20150731