

Title (en)

METHOD OF VIEWING AND CONTROLLING BALANCE OF THE VERTEBRAL COLUMN

Title (de)

VERFAHREN ZUR DARSTELLUNG UND ZUR KONTROLLE DES GLEICHGEWICHTS EINER WIRBELSÄULE

Title (fr)

PROCEDE DE VISUALISATION ET DE CONTROLE DE L'EQUILIBRE D'UNE COLONE VERTEBRALE

Publication

**EP 1482846 A1 20041208 (FR)**

Application

**EP 03727566 A 20030304**

Priority

- FR 0300694 W 20030304
- FR 0202754 A 20020305

Abstract (en)

[origin: WO03073946A1] The invention relates to a method of viewing and controlling the balance of a vertebral column of which one spinal segment is corrected by means of conventional spinal instrumentation. The inventive method consists in: determining and calculating the relative three-dimensional position of the upper (UEV) and lower (LEV) end instrumented vertebrae of the corrected spinal segment; determining and calculating the position of the spinal segments which are located above and below the spinal segment corrected by the spinal instrumentation, according to the relative three-dimensional position of the upper (UEV) and lower (LEV) end instrumented vertebrae; and viewing the front and side projection of the balance or imbalance of the vertebral column.

IPC 1-7

**A61B 17/58**

IPC 8 full level

**A61B 17/70** (2006.01); **A61B 17/88** (2006.01); **G06T 7/00** (2006.01); **G16Z 99/00** (2019.01); **A61B 19/00** (2006.01)

CPC (source: EP US)

**A61B 17/7074** (2013.01 - EP US); **G06T 7/0012** (2013.01 - EP US); **G16H 40/63** (2017.12 - EP US); **G16H 50/50** (2017.12 - EP US); **G16Z 99/00** (2019.01 - EP US); **A61B 34/10** (2016.02 - EP US); **A61B 2017/564** (2013.01 - EP US); **G06T 2207/30008** (2013.01 - EP US)

Citation (search report)

See references of WO 03073946A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 03073946 A1 20030912**; AU 2003233358 A1 20030916; EP 1482846 A1 20041208; FR 2836818 A1 20030912; FR 2836818 B1 20040702; US 2005119593 A1 20050602

DOCDB simple family (application)

**FR 0300694 W 20030304**; AU 2003233358 A 20030304; EP 03727566 A 20030304; FR 0202754 A 20020305; US 50656404 A 20040903