Title (en)
METHOD FOR OPERATING A MEDICAL ROBOT, MEDICAL ROBOT, AND MEDICAL WORK PLACE

Title (de)
VERFAHREN ZUM BETREIBEN EINES MEDIZINISCHEN ROBOTERS, MEDIZINISCHER ROBOTER UND MEDIZINISCHER ARBEITSPLATZ

Title (fr)
PROCÉDÉ DE FONCTIONNEMENT D'UN ROBOT MÉDICAL, ROBOT MÉDICAL ET POSTE DE TRAVAIL MÉDICAL

Publication
EP 2323581 A1 20110525 (DE)

Application
EP 09777747 A 20090807

Priority
- EP 2009005753 W 20090807
- DE 102008041260 A 20080814

Abstract (en)
[origin: WO2010017919A1] The invention relates to a method for operating a telemanipulated medical robot (R) guided by hand or by means of an input device, to a telemanipulated medical robot (R) guided by hand or by means of an input device, and to a medical work place. The medical robot (R) comprises a robot arm (M) with a plurality of moveable axes (1-6) and a control device (17) for moving the axes (1-6) of the robot arms (M) by means of drives (11-16). The control device (17) is adapted to automatically change the work region (A) of the medical robot (R) due to a change of position, relative to a robot base (B) of the medical robot (R), of a living being (P) that is being treated by means of the medical robot (R) in such a way that the work region (A) of the medical robot (R) stays the same relative to the living being (P).

IPC 8 full level
A61B 19/00 (2006.01)

CPC (source: EP US)
A61B 34/20 (2016.02 - EP US); **A61B 34/30** (2016.02 - EP US); **A61B 34/35** (2016.02 - EP US); **A61B 34/76** (2016.02 - EP US); A61B 2017/00694 (2013.01 - EP US); A61B 2034/2055 (2016.02 - EP US); A61B 2034/2072 (2016.02 - EP US)

Citation (search report)
See references of WO 2010017919A1

Citation (examination)
US 2008154389 A1 20080626 - SMITH DAVID W [US], et al

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2010017919 A1 20100218; DE 102008041260 A1 20100225; EP 2323581 A1 20110525; US 2011190790 A1 20110804

DOCDB simple family (application)
EP 2009005753 W 20090807; DE 102008041260 A 20080814; EP 09777747 A 20090807; US 200913059003 A 20090807