

Title (en)
SYSTEM FOR ROBOT-ASSISTED MEDICAL TREATMENT

Title (de)
SYSTEM ZUR ROBOTERUNTERSTÜTZTEN MEDIZINISCHEN BEHANDLUNG

Title (fr)
SYSTÈME DE TRAITEMENT MÉDICAL ASSISTÉ PAR UN ROBOT

Publication
EP 3232976 A1 20171025 (DE)

Application
EP 15805132 A 20151126

Priority
• DE 102014226240 A 20141217
• EP 2015077779 W 20151126

Abstract (en)
[origin: WO2016096366A1] The invention relates to a system (1) and to a method for robot-assisted medical treatment of a patient. The system comprises a manipulator (20), a medical visualization device (30) which is fitted to the manipulator (20) in order to be moved by the manipulator; and a medical instrument (40) which is provided with at least one marker (41) in order to be able to detect the position of the medical instrument (40). The manipulator, according to the invention, moves the visualization device in such a way that the visualization device is oriented on the basis of the location or position of the medical instrument.

IPC 8 full level
A61B 34/30 (2016.01); **A61B 34/32** (2016.01); **A61B 90/00** (2016.01)

CPC (source: EP KR US)
A61B 5/0082 (2013.01 - US); **A61B 8/00** (2013.01 - KR); **A61B 8/0841** (2013.01 - US); **A61B 10/0233** (2013.01 - EP KR US); **A61B 34/20** (2016.02 - EP US); **A61B 34/30** (2016.02 - EP KR US); **A61B 34/32** (2016.02 - EP KR US); **A61B 90/361** (2016.02 - EP KR US); **A61B 90/39** (2016.02 - US); **A61B 2034/2055** (2016.02 - EP KR US); **A61B 2034/2063** (2016.02 - EP KR US); **A61B 2090/065** (2016.02 - EP KR US); **A61B 2090/3937** (2016.02 - EP KR US); **A61B 2090/3983** (2016.02 - EP KR US)

Citation (search report)
See references of WO 2016096366A1

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)
DE 102014226240 A1 20160623; CN 106999250 A 20170801; EP 3232976 A1 20171025; KR 20170093200 A 20170814; US 2017319289 A1 20171109; WO 2016096366 A1 20160623

DOCDB simple family (application)
DE 102014226240 A 20141217; CN 201580069080 A 20151126; EP 15805132 A 20151126; EP 2015077779 W 20151126; KR 20177018509 A 20151126; US 201515534758 A 20151126