

Title (en)
DEVICE FOR CONTROLLING THE MOVEMENT OF A SURGICAL INSTRUMENT

Title (de)
VORRICHTUNG ZUR STEUERUNG DER BEWEGUNG EINES CHIRURGISCHEN INSTRUMENTS

Title (fr)
DISPOSITIF DE COMMANDE DU DÉPLACEMENT D'UN INSTRUMENT CHIRURGICAL

Publication
EP 2349054 A1 20110803 (FR)

Application
EP 09797073 A 20091124

Priority
• FR 2009052280 W 20091124
• FR 0858092 A 20081128

Abstract (en)
[origin: WO2010061125A1] The invention relates to a control device that includes an arm (12) for mounting the instrument and at least one motion sensor (16) to be placed on the operator (2) of the control device and equipped to sense the movement of said operator according to the degree of freedom of the mounting arm (12), said device including a means (20) for processing signals emitted by the motion sensor (16), said means (20) being equipped to process the signals emitted by the motion sensor (16) and to send the corresponding control signals to the mounting shaft (12) so that the movement sensed by the motion sensor (16) controls the corresponding movements of the mounting arm (12). The device also includes a means for starting and stopping the detection of the motion of the operator by the sensor (16).

IPC 8 full level
A61B 19/00 (2006.01)

CPC (source: EP US)
A61B 34/70 (2016.02 - EP US); **A61B 34/74** (2016.02 - EP US); **A61B 2017/00203** (2013.01 - EP US); **A61B 2017/00207** (2013.01 - EP US)

Citation (search report)
See references of WO 2010061125A1

Citation (examination)
JP H07328016 A 19951219 - OLYMPUS OPTICAL CO

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

DOCDB simple family (publication)
FR 2939022 A1 20100604; **FR 2939022 B1 20120217**; CA 2744958 A1 20100603; EP 2349054 A1 20110803; US 2012022696 A1 20120126; WO 2010061125 A1 20100603

DOCDB simple family (application)
FR 0858092 A 20081128; CA 2744958 A 20091124; EP 09797073 A 20091124; FR 2009052280 W 20091124; US 200913131690 A 20091124