

Title (en)
SURGICAL SIMULATION MODEL AND METHODS OF PRACTICING SURGICAL PROCEDURES USING THE SAME

Title (de)
CHIRURGISCHES SIMULATIONSMODELL UND VERFAHREN ZUR DURCHFÜHRUNG CHIRURGISCHER EINGRIFFE DAMIT

Title (fr)
MODÈLE DE SIMULATION CHIRURGICALE ET PROCÉDÉS POUR PRATIQUER DES INTERVENTIONS CHIRURGICALES À L'AIDE DE CE MODÈLE

Publication
EP 2877989 A4 20160302 (EN)

Application
EP 13822350 A 20130725

Priority
• US 201213557436 A 20120725
• US 2013051936 W 20130725

Abstract (en)
[origin: WO2014018703A2] A surgical training simulation anatomical model for demonstrating, practicing, or evaluating a human lung surgical procedure is provided. The model includes a plurality of segments coupled together to form a skeletal frame representative of a portion of a human anatomy. The skeletal frame encloses at least a first component and a second component. The first component is representative of a patient's heart. A second component is representative of a patient's lung. The first component includes a plurality of hollow channels that extend at least partially through the second component for channeling pressurized fluid there through to simulate the behavior of a patient's heart and cardiopulmonary system during a surgical procedure of the patient's lung. The channels are oriented in a closed loop and include a plurality of nodes defined therein that are positioned to simulate lymph nodes in the patient.

IPC 8 full level
G09B 23/28 (2006.01); **G09B 23/30** (2006.01)

CPC (source: EP)
G09B 23/30 (2013.01)

Citation (search report)
• [X] US 2005214727 A1 20050929 - STOIANOVICI DAN [US], et al
• [X] WO 2011103456 A2 20110825 - UNIV VIRGINIA PATENT FOUND [US], et al
• [A] US 2012034587 A1 20120209 - TOLY CHRISTOPHER C [US]
• See references of WO 2014018703A2

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

DOCDB simple family (publication)
WO 2014018703 A2 20140130; WO 2014018703 A3 20140807; CA 2878692 A1 20140130; EP 2877989 A2 20150603; EP 2877989 A4 20160302

DOCDB simple family (application)
US 2013051936 W 20130725; CA 2878692 A 20130725; EP 13822350 A 20130725