

Title (en)
SYSTEMS AND METHODS FOR VISUALIZING ANATOMY, LOCATING MEDICAL DEVICES, OR PLACING MEDICAL DEVICES

Title (de)
SYSTEME UND VERFAHREN ZUR VISUALISIERUNG EINER ANATOMIE, ZUR LOKALISIERUNG VON MEDIZINISCHEN VORRICHTUNGEN ODER ZUR PLATZIERUNG VON MEDIZINISCHEN VORRICHTUNGEN

Title (fr)
SYSTÈMES ET PROCÉDÉS DE VISUALISATION DE L'ANATOMIE, DE LOCALISATION DE DISPOSITIFS MÉDICAUX, OU DE POSITIONNEMENT DE DISPOSITIFS MÉDICAUX

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EP 3801245 A1 20210414 (EN)

Application
EP 19815710 A 20190603

Priority

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- US 2019035271 W 20190603

Abstract (en)
[origin: WO2019236505A1] A medical device-placing system including a medical-device tip-location sensor ("TLS") configured for placement on a chest of a patient, an ultrasound probe, a console, and an alternative-reality headset. The ultrasound probe can be configured to emit ultrasound signals into the patient and receive echoed ultrasound signals from the patient. The console can be configured to transform the echoed ultrasound signals to produce ultrasound-image segments corresponding to anatomical structures of the patient, as well as transform TLS signals from the TLS into location information for a medical device within the patient. The alternative-reality headset can include a display screen through which a wearer of the alternative-reality headset can see the patient. The display screen can be configured to display over the patient a virtual medical per the location information for the medical device within objects of virtual anatomy corresponding to the ultrasound-image segments.

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