

Title (en)

USER INTERFACE OF A MEDICAL DIAGNOSIS SYSTEM, AND COMPUTER PROGRAM THEREFOR

Title (de)

BENUTZERINTERFACE EINES MEDIZINISCHEN DIAGNOSESYSTEMS SOWIE COMPUTERPROGRAMM HIERFÜR

Title (fr)

INTERFACE UTILISATEUR D'UN SYSTÈME DE DIAGNOSTIC MÉDICAL ET PROGRAMME INFORMATIQUE POUR CELLE-CI

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2017186544A1] The invention relates to a user interface of a medical diagnosis system that has at least one evaluation computer and data output means for outputting data to a user in the form of at least one image display device, wherein the user interface can be supplied in real time with EIT data from an electrical impedance tomography (EIT) system in operation on a patient and with ventilation data from an artificial respiration system in operation on the patient, wherein the user interface is in the form of a clinical user interface that is configured, by virtue of its evaluation computer, for real-time data processing of supplied EIT data and ventilation data, wherein the user interface is configured, by virtue of its evaluation computer, to take the supplied EIT data and ventilation data for the different lung areas of the patient that are recorded by the EIT system as a basis for respectively establishing whether there is a volume trauma, an atelectasis or a normal functional state of the lung in the respective lung area, and to graphically represent this state, so as to be distinguishable from other states, on the image display device in real time for the different lung areas on the basis of graphical features of the representation that denote the respective state. The invention further relates to a computer program that is configured to perform the functions of the user interface.

IPC 8 full level

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Citation (search report)

See references of WO 2017186544A1

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