

Title (en)
RESPIRATORY VOLUME MONITOR AND VENTILATOR

Title (de)
ATEMVOLUMENMONITOR UND BEATMUNGSGERÄT

Title (fr)
MONITEUR ET VENTILATEUR DE VOLUME RESPIRATOIRE

Publication
EP 3634219 A1 20200415 (EN)

Application
EP 18814453 A 20180607

Priority
• US 201762516425 P 20170607
• US 2018036524 W 20180607

Abstract (en)
[origin: WO2018226999A1] Ventilation therapy systems and methods are disclosed. The system comprises a computing device, and a plurality of sensors for acquiring a physiological bioelectrical impedance signal from a patient, wherein the sensors are functionally connected to the computing device. The computing device receives the physiological bioelectrical impedance signal from the sensors, analyzes the physiological bioelectrical impedance signal, based on the analyzed physiological bioelectrical impedance signal, monitors the patient's respiratory status before and/or after extubation, and provides audible or visual recommendations for additional respiratory treatment or medications based on the patient's respiratory status.

IPC 8 full level
A61B 5/0205 (2006.01); **A61B 5/091** (2006.01); **A61B 5/296** (2021.01)

CPC (source: EP KR)
A61B 5/0205 (2013.01 - EP KR); **A61B 5/0535** (2013.01 - EP KR); **A61B 5/0536** (2013.01 - EP KR); **A61B 5/0809** (2013.01 - EP KR); **A61B 5/091** (2013.01 - EP KR); **A61B 5/4848** (2013.01 - EP KR); **A61B 5/7405** (2013.01 - KR); **A61B 5/742** (2013.01 - KR); **A61M 16/0003** (2014.02 - KR); **A61M 16/0051** (2013.01 - EP KR); **A61M 16/022** (2017.07 - KR); **A61B 5/02405** (2013.01 - EP); **A61B 5/0245** (2013.01 - EP); **A61B 5/318** (2021.01 - EP); **A61M 2016/003** (2013.01 - KR); **A61M 2205/3334** (2013.01 - EP); **A61M 2205/3344** (2013.01 - EP); **A61M 2205/505** (2013.01 - EP); **A61M 2205/52** (2013.01 - EP); **A61M 2205/581** (2013.01 - EP); **A61M 2205/583** (2013.01 - EP); **A61M 2210/1025** (2013.01 - EP); **A61M 2230/04** (2013.01 - EP); **A61M 2230/06** (2013.01 - EP); **A61M 2230/30** (2013.01 - EP); **A61M 2230/40** (2013.01 - KR); **A61M 2230/432** (2013.01 - EP); **A61M 2230/46** (2013.01 - EP); **A61M 2230/50** (2013.01 - EP)

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)
WO 2018226999 A1 20181213; AU 2018280244 A1 20200130; CA 3066632 A1 20181213; CN 110996781 A 20200410; EP 3634219 A1 20200415; EP 3634219 A4 20210303; IL 271263 A 20200130; JP 2020523103 A 20200806; JP 2023153893 A 20231018; KR 20200026879 A 20200311; MX 2019014832 A 20200803

DOCDB simple family (application)
US 2018036524 W 20180607; AU 2018280244 A 20180607; CA 3066632 A 20180607; CN 201880051553 A 20180607; EP 18814453 A 20180607; IL 27126319 A 20191208; JP 2019567974 A 20180607; JP 2023122263 A 20230727; KR 20207000477 A 20180607; MX 2019014832 A 20180607