

Title (en)

RESPIRATORY EARLY WARNING SCORING SYSTEMS AND METHODS

Title (de)

ATMUNGSFRÜHWARNUNGSBEWERTUNGSSYSTEME UND -VERFAHREN

Title (fr)

SYSTÈMES ET PROCÉDÉS DE NOTATION D'ALERTE PRÉCOCE RESPIRATOIRE

Publication

**EP 3528694 A4 20201014 (EN)**

Application

**EP 17867005 A 20171102**

Priority

- US 201662416416 P 20161102
- US 2017059754 W 20171102

Abstract (en)

[origin: WO2018085563A1] An early warning scoring system and method are disclosed. The system comprises a computing device, a plurality of sensors for acquiring physiological signals from a patient, wherein the sensors are functionally connected to the computing device, and at least one alarm adapted to output an alert upon an early warning score (EWS) exceeding a predetermined level. The computing device receives the physiological signals from the sensors, analyzes the physiological signals, and based on the analyzed signals, calculates the early warning score, and compares to the early waring score to predetermined limits and, if the score is outside the limits, triggers an alarm or actuates or modifies a treatment or medical intervention.

IPC 8 full level

**A61B 5/00** (2006.01); **A61B 5/01** (2006.01); **A61B 5/02** (2006.01); **A61B 5/08** (2006.01); **G16H 10/60** (2018.01); **G16H 20/40** (2018.01);  
**G16H 50/30** (2018.01)

CPC (source: EP IL KR)

**A61B 5/0022** (2013.01 - EP IL KR); **A61B 5/0024** (2013.01 - EP IL KR); **A61B 5/01** (2013.01 - EP IL KR); **A61B 5/02** (2013.01 - EP IL KR);  
**A61B 5/08** (2013.01 - EP IL KR); **A61B 5/4836** (2013.01 - EP IL KR); **A61B 5/7275** (2013.01 - EP IL KR); **G16H 10/60** (2017.12 - EP IL KR);  
**G16H 20/40** (2017.12 - EP IL KR); **G16H 50/30** (2017.12 - EP IL KR)

Citation (search report)

- [XY] US 2012136221 A1 20120531 - KILLEN ROGER [GB], et al
- [IY] WO 2016073604 A1 20160512 - RESPIRATORY MOTION INC [US]
- [I] AU 2015264875 A1 20151224 - RESPIRATORY MOTION INC
- See references of WO 2018085563A1

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 2018085563 A1 20180511**; AU 2017354162 A1 20190606; BR 112019010552 A2 20190917; CA 3042686 A1 20180511;  
CN 109996488 A 20190709; CN 109996488 B 20221101; EP 3528694 A1 20190828; EP 3528694 A4 20201014; IL 266388 A 20190630;  
IL 266388 B1 20230401; IL 266388 B2 20230801; JP 2020503085 A 20200130; KR 20190071808 A 20190624; MX 2019005195 A 20190919

DOCDB simple family (application)

**US 2017059754 W 20171102**; AU 2017354162 A 20171102; BR 112019010552 A 20171102; CA 3042686 A 20171102;  
CN 201780068395 A 20171102; EP 17867005 A 20171102; IL 26638819 A 20190501; JP 2019523842 A 20171102;  
KR 20197015785 A 20171102; MX 2019005195 A 20171102