

Title (en)

SYSTEMS AND METHODS FOR OBTAINING AND MONITORING RESPIRATION, CARDIAC FUNCTION, AND OTHER HEALTH DATA FROM PHYSICAL INPUT

Title (de)

SYSTEME UND VERFAHREN ZUR GEWINNUNG UND ÜBERWACHUNG VON ATMUNG, HERZFUNKTION UND ANDEREN GESUNDHEITSDATEN AUS EINER PHYSISCHEN EINGABE

Title (fr)

SYSTÈMES ET PROCÉDÉS POUR OBTENIR ET SURVEILLER LA RESPIRATION, LA FONCTION CARDIAQUE ET D'AUTRES DONNÉES DE SANTÉ À PARTIR D'UNE ENTRÉE PHYSIQUE

Publication

**EP 4132353 A4 20240417 (EN)**

Application

**EP 21847287 A 20210720**

Priority

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- US 202117228249 A 20210412
- US 2021042413 W 20210720

Abstract (en)

[origin: WO2022020377A1] A sensor which is generally included as part of a bed or chair or is attached to or placed on or under a mattress for the physical detection of respiration and cardiac function and particularly alteration in respiration or cardiac function. The sensor may be a portion of a system which is designed to monitor respiration and cardiac function over time.

IPC 8 full level

**A61B 5/0205** (2006.01); **A61B 5/11** (2006.01); **A61B 5/113** (2006.01)

CPC (source: EP)

**A61B 5/024** (2013.01); **A61B 5/0816** (2013.01); **A61B 5/113** (2013.01); **A61B 5/0205** (2013.01); **A61B 2562/0219** (2013.01)

Citation (search report)

- [X] EP 0930032 A1 19990721 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [X] US 2018172569 A1 20180621 - KANDORI AKIHIKO [JP], et al
- [X] EP 1292259 B1 20130814 - BED CHECK CORP [US]
- [X] CN 211022689 U 20200717 - UNIV CHONGQING
- See also references of WO 2022020377A1

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 2022020377 A1 20220127**; AU 2021313157 A1 20221215; CA 3175250 A1 20220127; EP 4132353 A1 20230215; EP 4132353 A4 20240417

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