Title (en)

DEVICE AND METHOD FOR MEASURING BLOOD PRESSURE AND A STATE OF STRESS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR MESSUNG DES BLUTDRUCKS UND EINES SPANNUNGSZUSTANDS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE MESURE D'UNE PRESSION ARTÉRIELLE ET D'UN ÉTAT DE STRESS

Publication

EP 4266995 A1 20231101 (FR)

Application

EP 21845060 A 20211227

Priority

- FR 2014198 A 20201228
- EP 2021087681 W 20211227

Abstract (en)

[origin: WO2022144336A1] Disclosed is a device for detecting blood pressure and intended to be worn on the skin of a user, the device comprising: - a first module (10) for estimating a pulse wave velocity and/or blood pressure of the user, comprising: • at least one detector (112, 122) for measuring a quantity dependent on the blood pressure or the pulse wave velocity; • a first processing unit (18), programmed to estimate a blood pressure from the signal emitted by the detector; the device being characterised in that it also comprises: - a second module (20) intended to measure a physiological characteristic of the user and to estimate a level of stress of the user on the basis of the measured physiological characteristic; - a central processing unit (50) being programmed to generate an alert signal on the basis of the blood pressure and the level of stress.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2022144336A1

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