

Title (en)

SYSTEM AND METHOD OF A BIOSENSOR FOR DETECTION OF VASODILATION

Title (de)

SYSTEM UND VERFAHREN EINES BIOSENSORS ZUR DETEKTION VON VASODILATATION

Title (fr)

SYSTÈME ET PROCÉDÉ D'UN BIOCAPTEUR POUR LA DÉTECTION D'UNE VASODILATATION

Publication

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Application

EP 19808491 A 20190517

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Abstract (en)

[origin: WO2019226493A1] An optical circuit detects PPG signals reflected from skin tissue at one or more different wavelengths. A processing circuit integrated in the biosensor or in communication with the biosensor processes the PPG signals to obtain a level of vasodilation or a period of vasodilation. The processing circuit may determine a circulation level using a phase offset between the PPG signals and/or a correlation value between the PPG signals.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X1] US 2016367154 A1 20161222 - GLADSHTEIN REUVEN [IL], et al
- [A] US 2014194342 A1 20140710 - ZHANG HAO [US], et al
- [E] WO 2019177700 A2 20190919 - SANMINA CORP [US]
- See references of WO 2019226493A1

Designated contracting state (EPC)

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