

Title (en)

DEVICE AND METHOD FOR RECORDING AND ANALYSING IMAGES OF THE SKIN

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AUFNAHME UND ANALYSE VON BILDERN DER HAUT

Title (fr)

DISPOSITIF ET PROCÉDÉ D'ACCUEIL ET D'ANALYSE D'IMAGES DE LA PEAU

Publication

**EP 3768157 A1 20210127 (DE)**

Application

**EP 19713735 A 20190320**

Priority

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Abstract (en)

[origin: WO2019180065A1] The invention relates to a device and a method for the contact-free analysis of changes to skin colour in living organisms, in particular in humans. Images of a skin region to be examined are recorded by means of one or more cameras and are then analysed, in digital form, by a computer unit. In particular, one or more colours or one or more spectral ranges can be identified in a temporal sequence of occurring intensity changes, and on this basis inferences can be made regarding vital functions, in particular heart rate, pulse wave and the temporal and spatial profile thereof. Data can be derived on this basis which can be used to determine the state of health of the examined individual.

IPC 8 full level

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CPC (source: EP US)

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