

Title (en)

METHOD AND DEVICE FOR DETERMINING VITAL PARAMETERS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG VON VITALPARAMETERN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DÉTERMINATION DE PARAMÈTRES VITAUX

Publication

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Application

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Abstract (en)

[origin: WO2014072461A1] The invention relates to a method for determining vital parameters of a human body by means of a device (10) with at least one optical recording unit (11) and a computing unit (12), said method comprising the following steps: recording a sequence of individual image data of a single limited area of the skin (30) of the human body by means of the optical recording unit (11); evaluating the image data, including determining a pulse wave transit time; and determining vital parameters of the human body from the image data by means of the computing unit (12). The invention further relates to a device for determining vital parameters. In addition, the invention relates to a method for authenticating a person and to a method for identifying a reaction of a person.

IPC 8 full level

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Citation (examination)

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- See also references of WO 2014072461A1

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