

Title (en)

DEVICES, SYSTEMS AND METHODS FOR USER MONITORING USING ELECTRONIC SKIN

Title (de)

VORRICHTUNGEN, SYSTEME UND VERFAHREN ZUR BENUTZERÜBERWACHUNG MITTELS ELEKTRONISCHER HAUT

Title (fr)

DISPOSITIFS, SYSTÈMES ET PROCÉDÉS DE SURVEILLANCE D'UN UTILISATEUR À L'AIDE D'UNE PEAU ÉLECTRONIQUE

Publication

EP 3893738 A4 20220427 (EN)

Application

EP 18942892 A 20181213

Priority

CN 2018120822 W 20181213

Abstract (en)

[origin: WO2020118598A1] An e-skin (150) is provided. The e-skin (150) may include a flexible substrate (153), one or more sensors (410), and a circuit (420). The flexible substrate (153) may have an upper surface (152), a lower surface (151) opposite to the upper surface (152), and a channel extending between the upper surface (152) and the lower surface (151). The lower surface (151) of the flexible substrate (153) may be attachable to the skin of a subject. Each of the sensor(s) (410) may be configured to acquire an electrical signal representing a biological parameter of the subject. The sensor(s) (410) may include at least one first sensor assembled on the lower surface (151) of the flexible substrate (153). The circuit (420) may be assembled on the upper surface (152) of the flexible substrate (153) and operably coupled to the sensor(s) (410). The circuit (420) may be configured to receive the one or more electrical signals from the sensor(s) (410) via a transmission medium passing through the channel of the flexible substrate (153).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- See also references of WO 2020118598A1

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