

Title (en)

MONITORING BODY MOVEMENT OR CONDITION ACCORDING TO MOTION REGIMEN WITH CONFORMAL ELECTRONICS

Title (de)

ÜBERWACHUNG VON KÖRPERBEWEGUNGEN ODER ZUSTÄNDEN IN ABHÄNGIGKEIT EINES BEWEGUNGSSCHEMAS MIT KONFORMER ELEKTRONIK

Title (fr)

SURVEILLANCE DE MOUVEMENT OU DE CONDITION D'UN CORPS SELON UN PROGRAMME DE MOUVEMENT AVEC UNE ÉLECTRONIQUE CONFORME

Publication

EP 3558114 A2 20191030 (EN)

Application

EP 17884075 A 20171215

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- US 201615386470 A 20161221
- US 2017066611 W 20171215

Abstract (en)

[origin: WO2018118673A2] Systems and methods are described for monitoring an individual subject and facilitating a motion regimen of the individual subject. In an aspect, a system includes, but is not limited to, a deformable substrate; a sensor assembly configured to generate one or more sense signals based on detection of at least one of a movement of the body portion or at least one physiological parameter of the body portion during a motion regimen executed by the individual; a processor configured to receive the one or more sense signals, the processor including circuitry configured to identify a physiological state, including a pain state of the individual based on at least one of the movement of the body portion or the physiological parameter, and to compare at least one of the pain state, the at least one movement, or the physiological parameter of the body portion; and an effector operably coupled to the processor and threshold target values; and a communicator configured to effect at least one predetermined motion of the body portion corresponding to a motion regimen and optionally to generate communication signals responsive to instruction by the processor, the communication signals associated with comparison between at least one of the pain state, the movement, or the physiological parameter to threshold target values.

IPC 8 full level

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Citation (search report)

See references of WO 2018118673A2

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